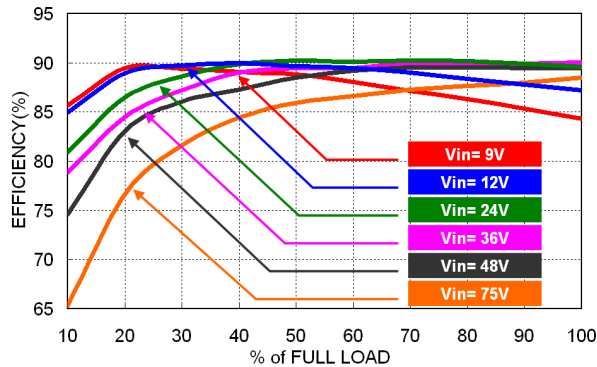


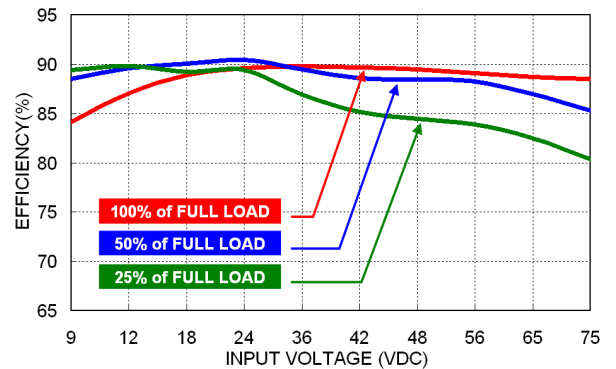
### Characteristic Curves

#### TEP 40-3611UIR

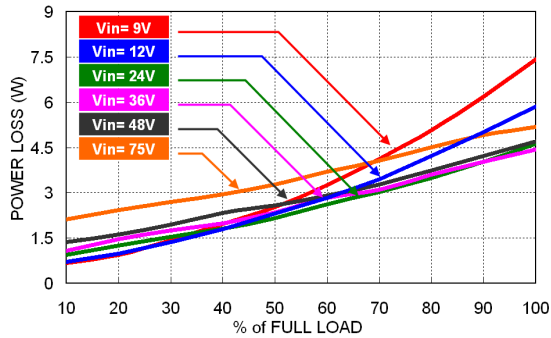
Efficiency versus Output Load



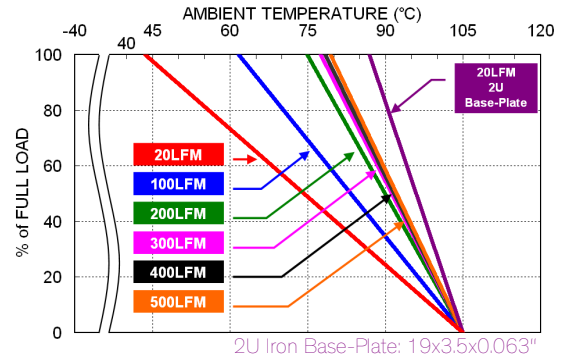
Efficiency versus Input Voltage



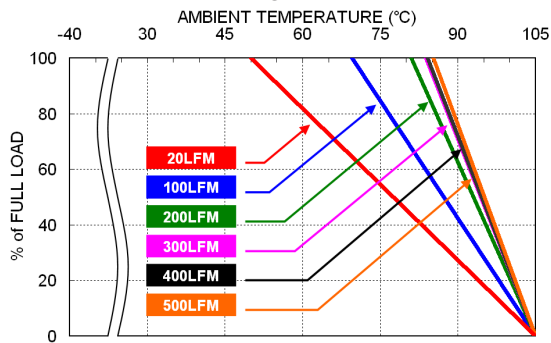
Power Dissipation versus Output Load



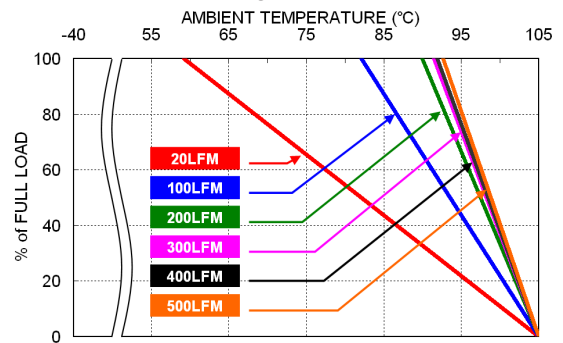
Derating Output vs Amb. Temp. at Vin = 9 VDC without Heatsink



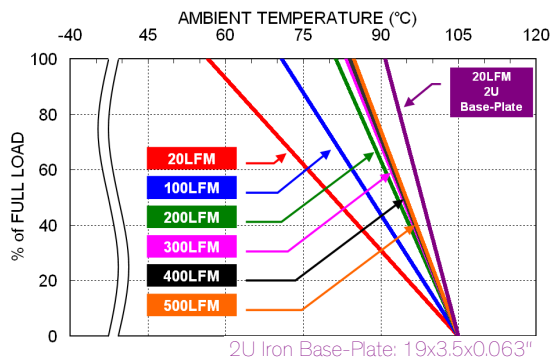
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.24" Height



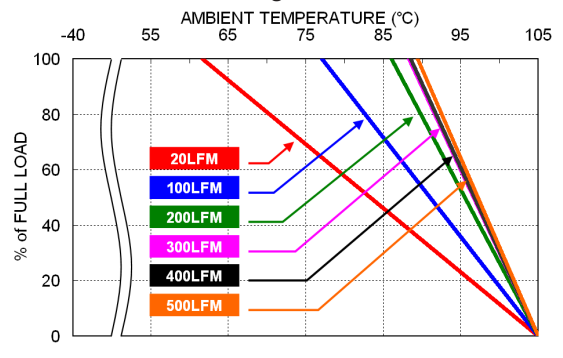
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 12 VDC without Heatsink

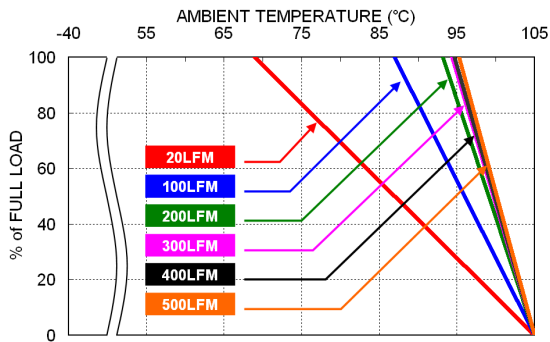


Derating Output vs Amb. Temp. at Vin = 12VDC with Heatsink 0.24" Height

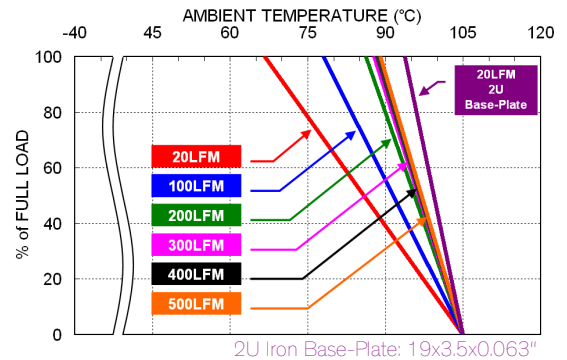


### TEP 40-3611UIR

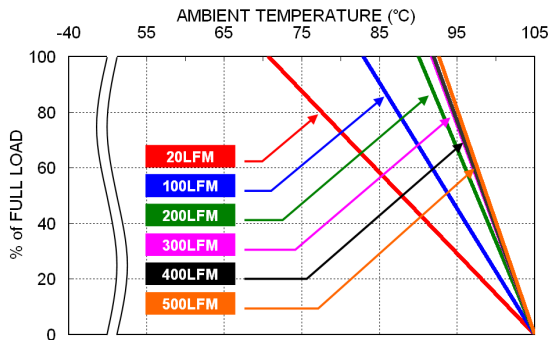
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.5" Height



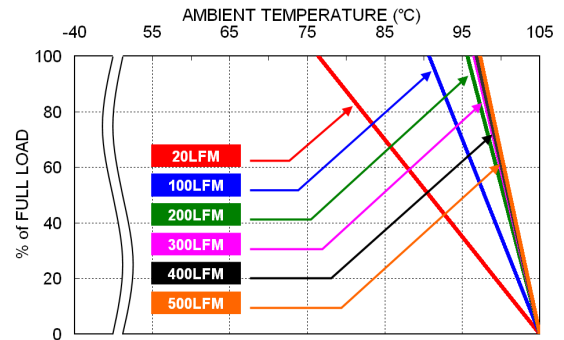
Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



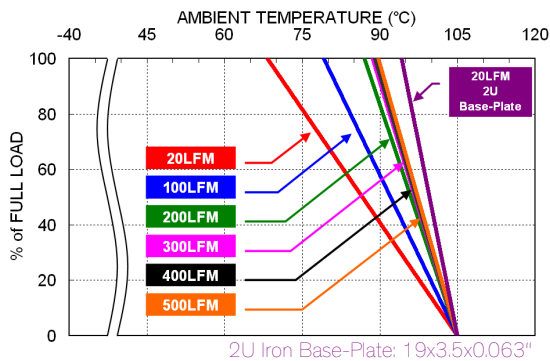
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



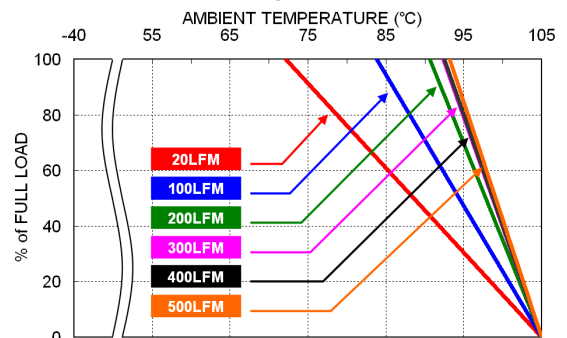
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



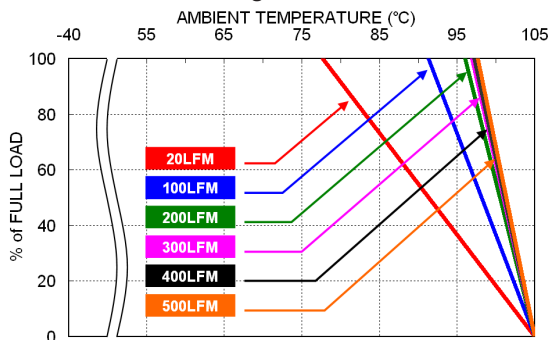
Derating Output vs Amb. Temp. at Vin = 36 VDC without Heatsink



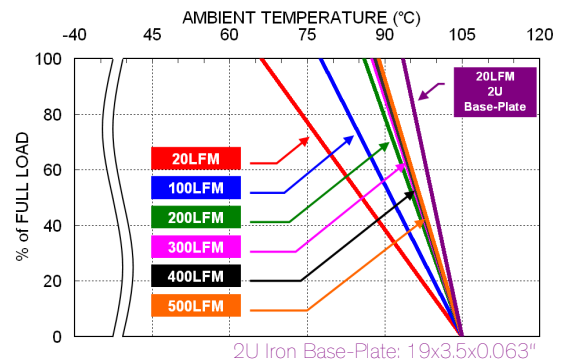
Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.5" Height



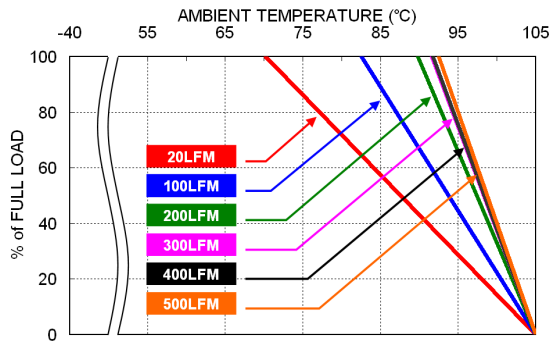
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



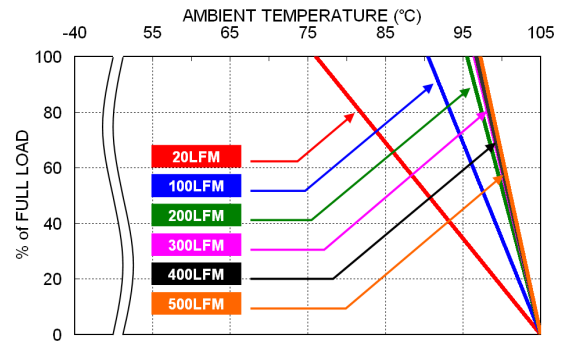
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3611UIR

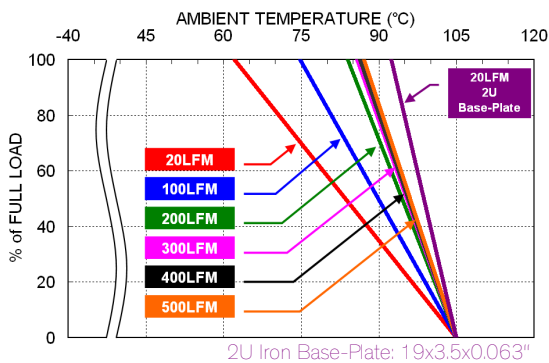
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.24" Height



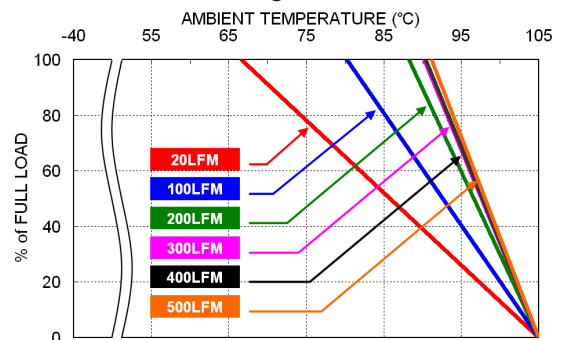
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.5" Height



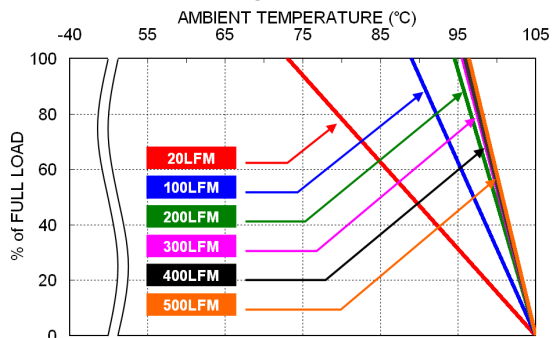
Derating Output vs Amb. Temp. at Vin = 75 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.24" Height



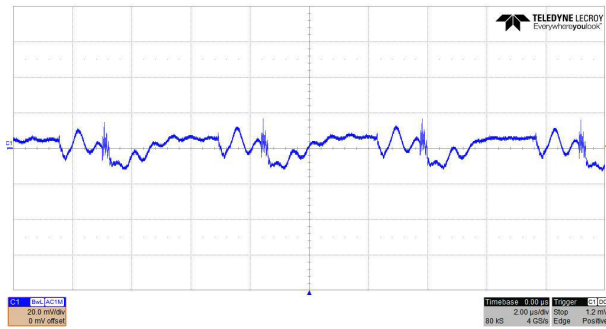
Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.5" Height



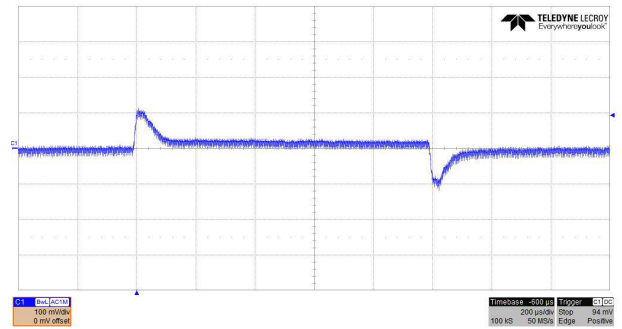
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3611UIR

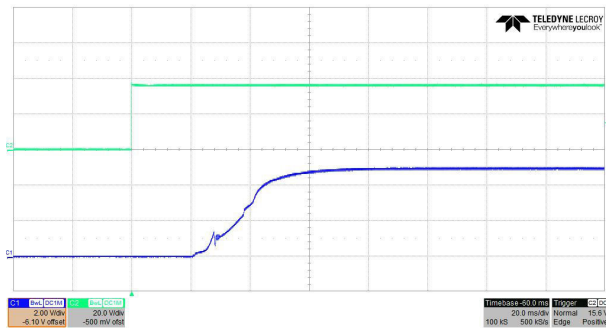
Typical Output Ripple and Noise



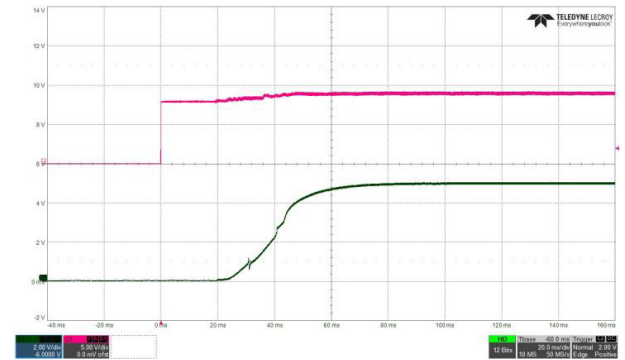
Transient Response to Dynamic Load Change (25%)



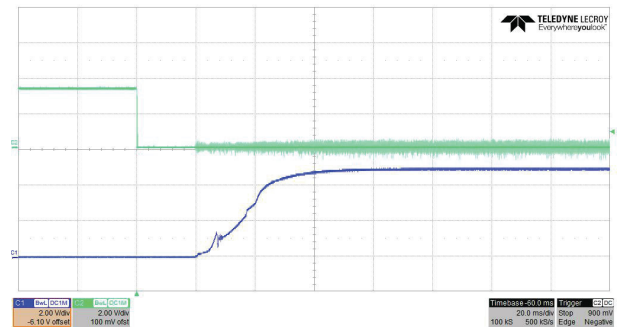
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic

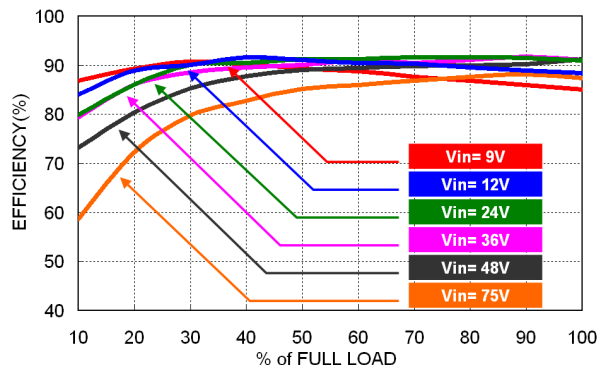


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

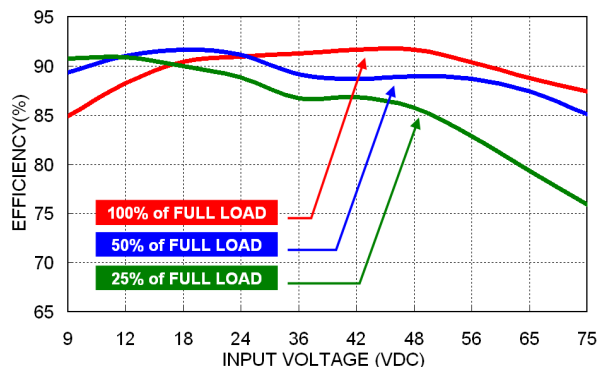


### TEP 40-3612UIR

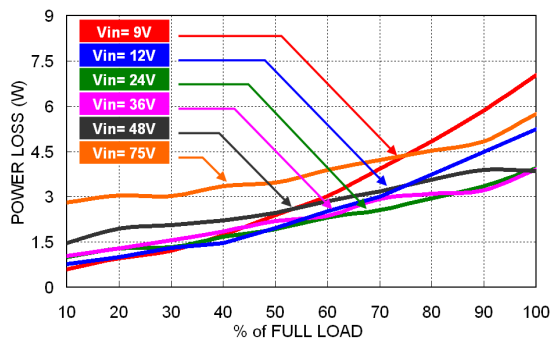
Efficiency versus Output Load



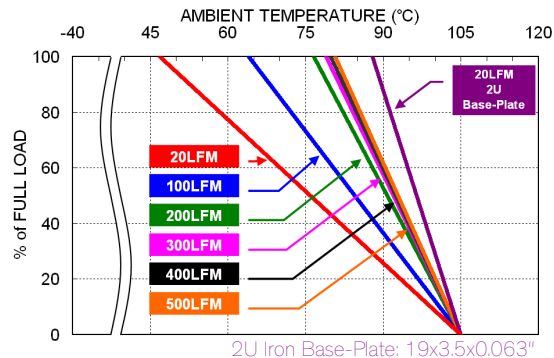
Efficiency versus Input Voltage



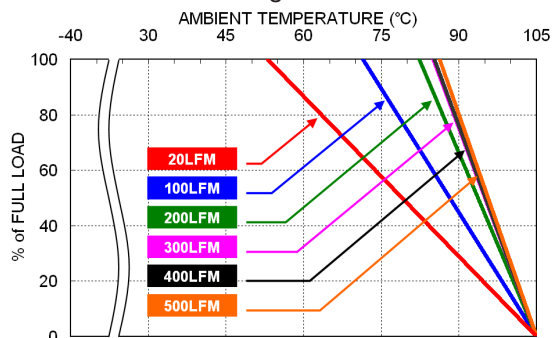
Power Dissipation versus Output Load



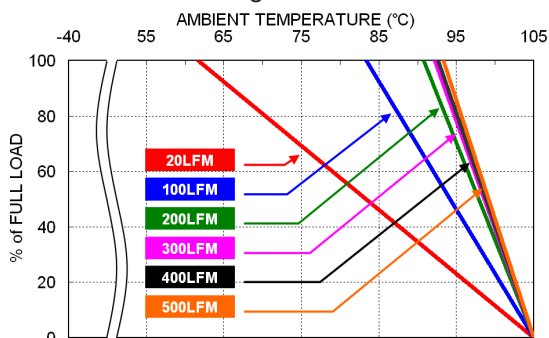
Derating Output vs Amb. Temp. at Vin = 9 VDC without Heatsink



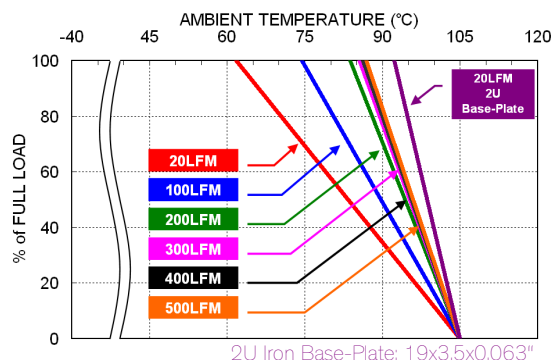
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.24" Height



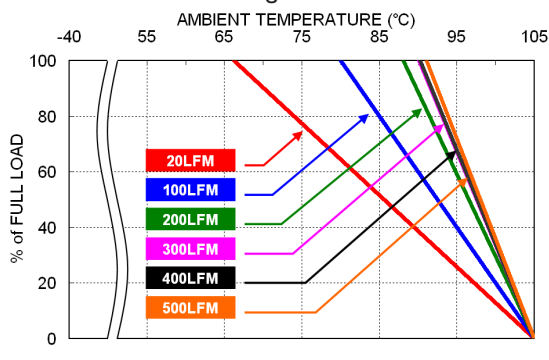
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 12 VDC without Heatsink



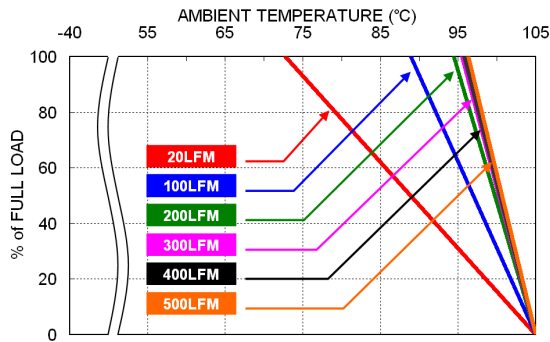
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.24" Height



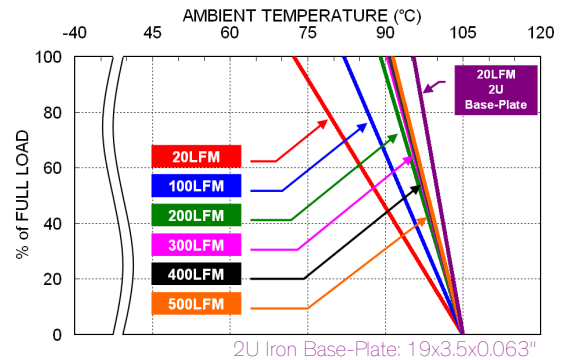
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3612UIR

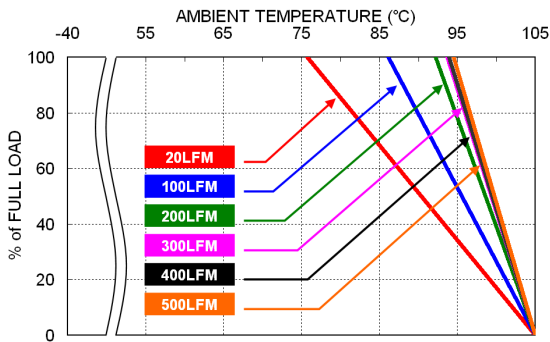
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.5" Height



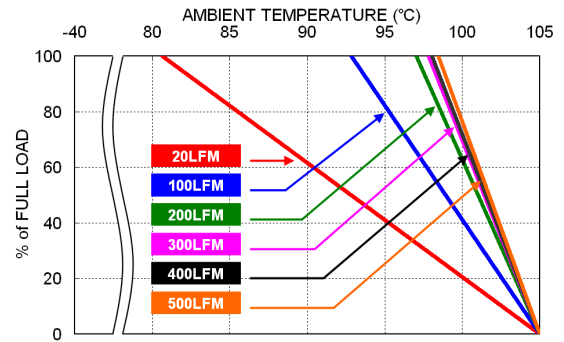
Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



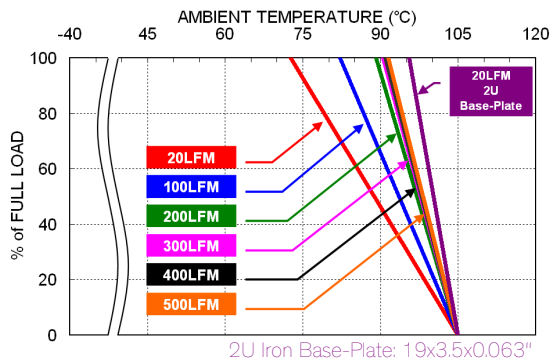
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



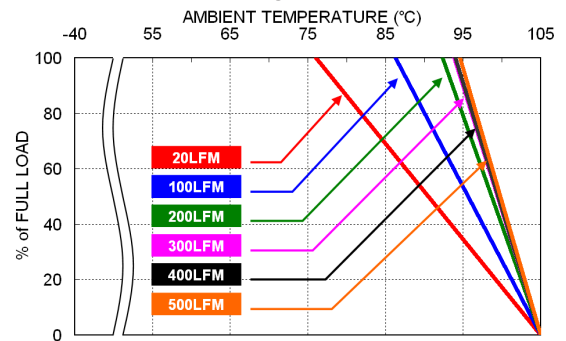
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



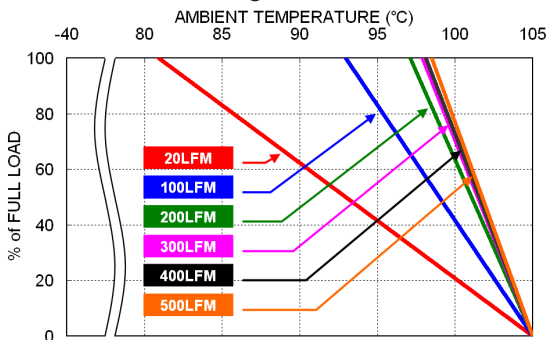
Derating Output vs Amb. Temp. at Vin = 36 VDC without Heatsink



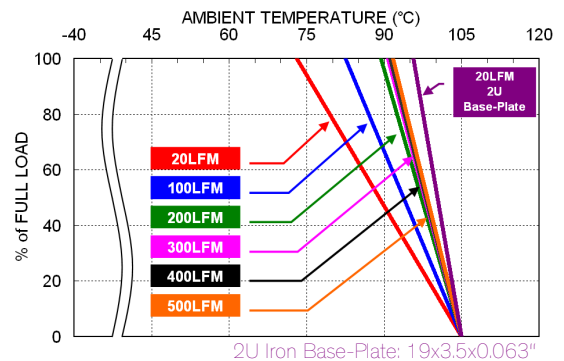
Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.5" Height



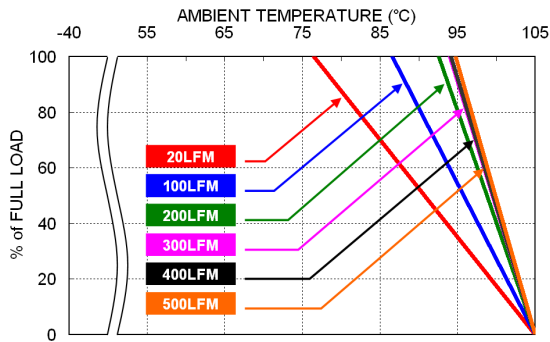
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



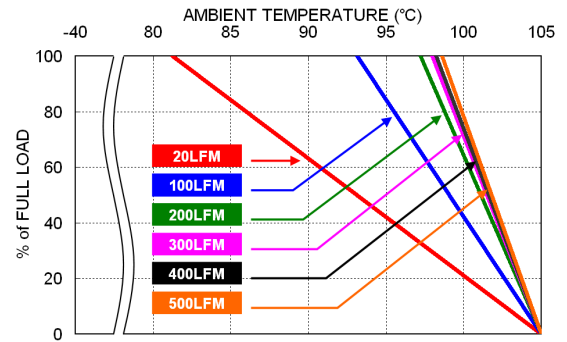
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3612UIR

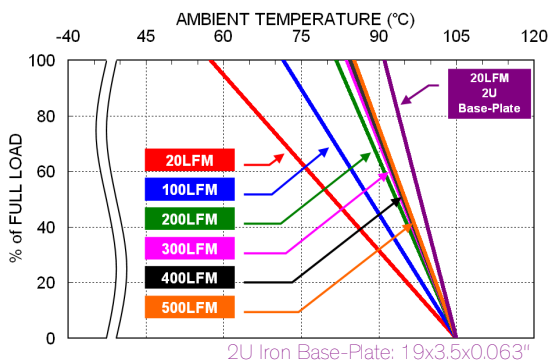
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.24" Height



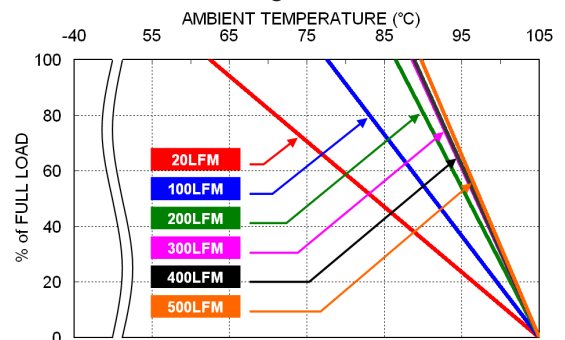
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.5" Height



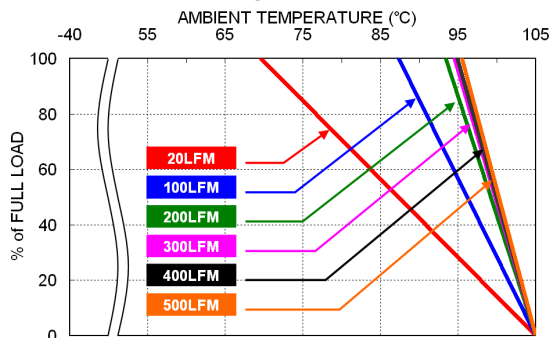
Derating Output vs Amb. Temp. at Vin = 75 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.24" Height



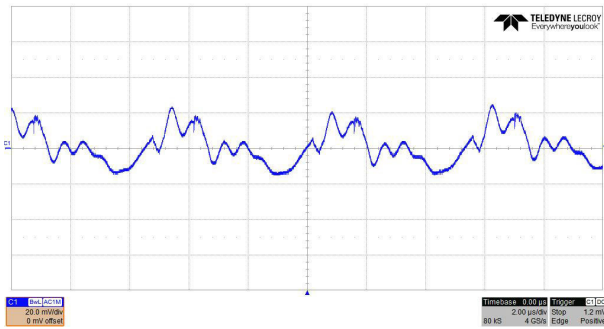
Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.5" Height



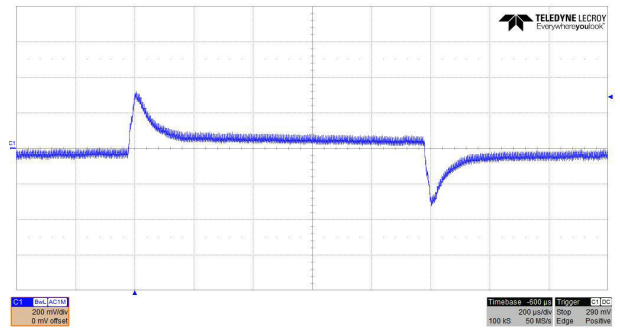
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3612UIR

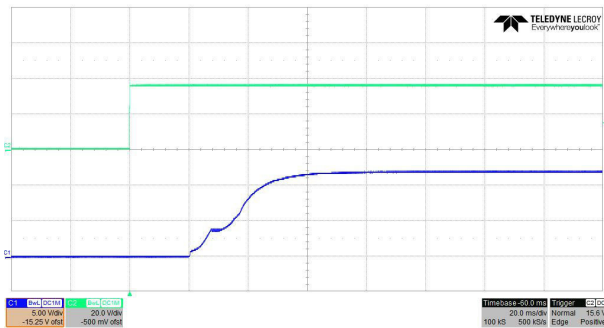
Typical Output Ripple and Noise



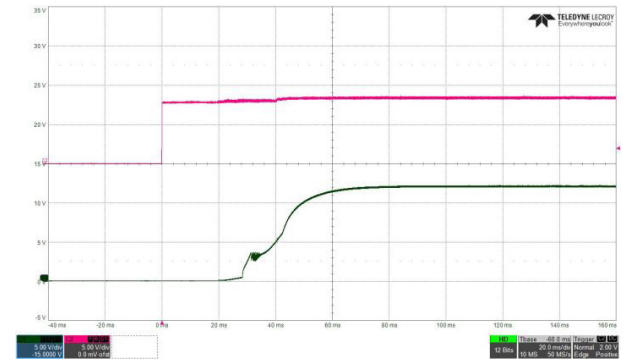
Transient Response to Dynamic Load Change (25%)



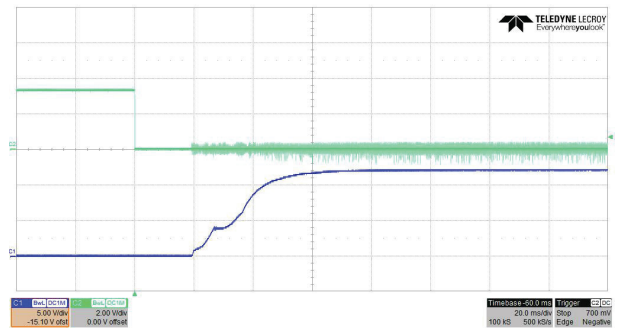
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



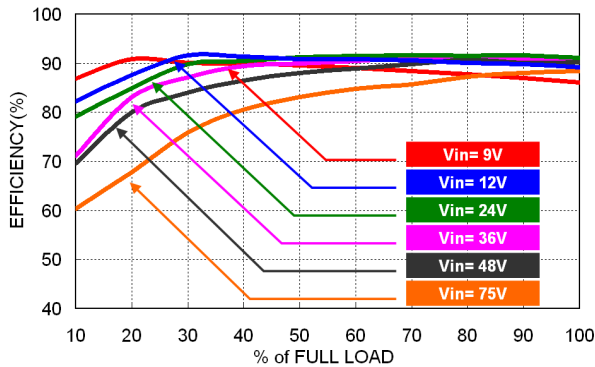
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



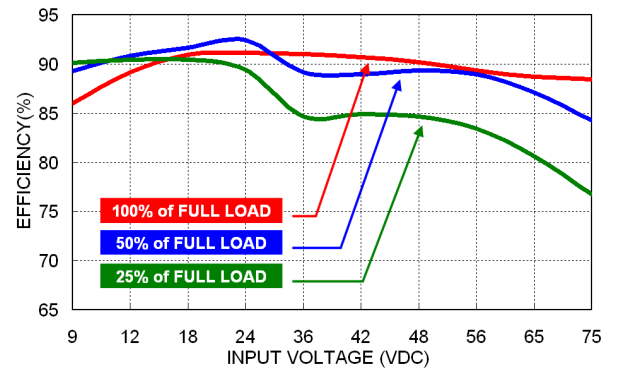
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3613UIR

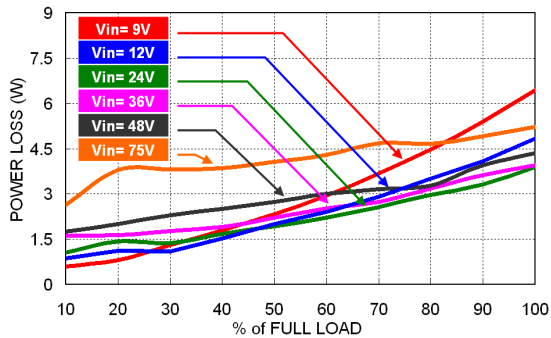
Efficiency versus Output Load



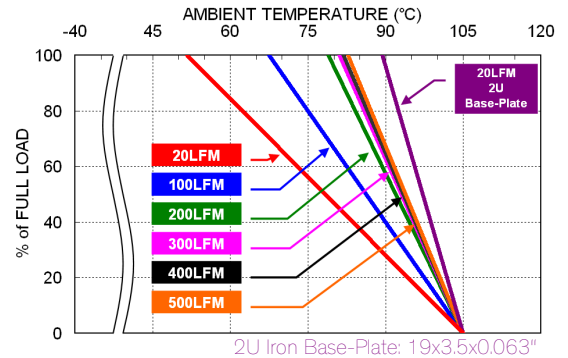
Efficiency versus Input Voltage



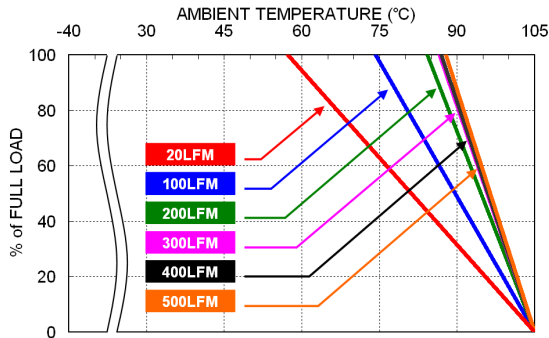
Power Dissipation versus Output Load



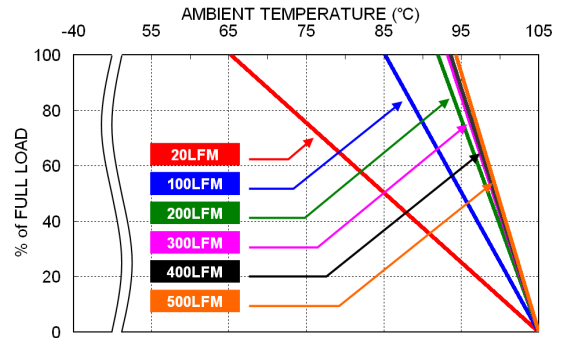
Derating Output vs Amb. Temp. at V<sub>in</sub> = 9 VDC without Heatsink



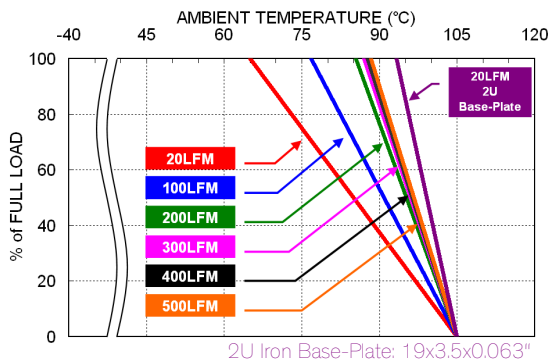
Derating Output vs Amb. Temp. at V<sub>in</sub> = 9 VDC with Heatsink 0.24" Height



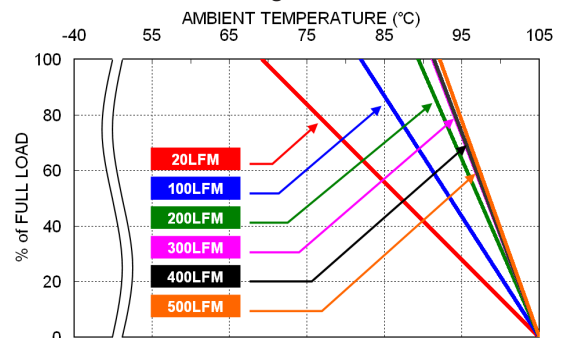
Derating Output vs Amb. Temp. at V<sub>in</sub> = 9 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at V<sub>in</sub> = 12 VDC without Heatsink



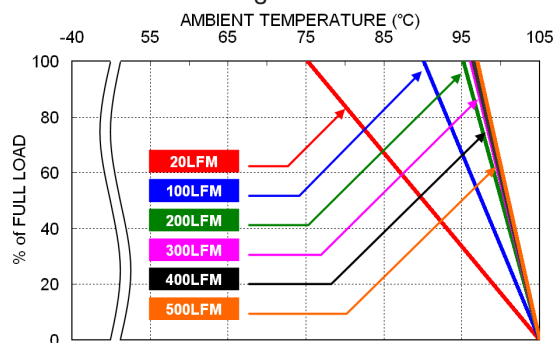
Derating Output vs Amb. Temp. at V<sub>in</sub> = 12 VDC with Heatsink 0.24" Height



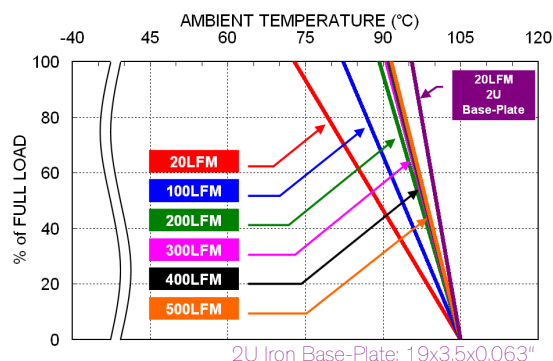
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3613UIR

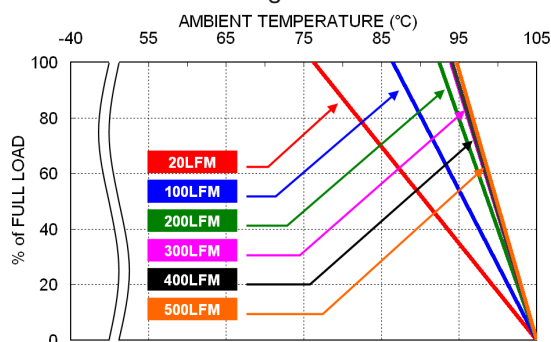
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.5" Height



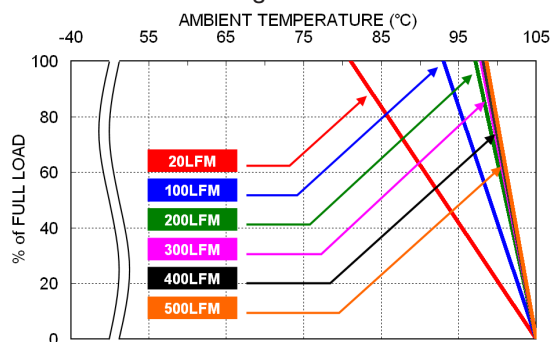
Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



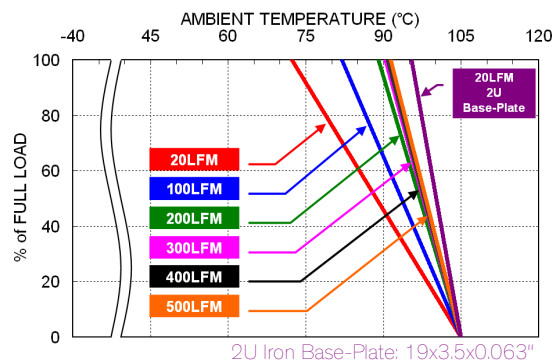
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



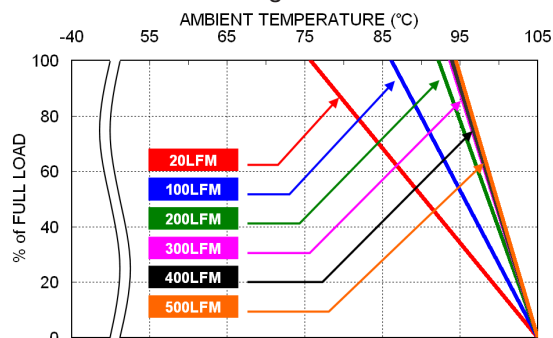
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



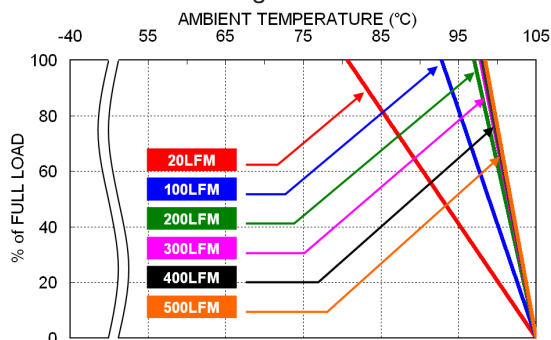
Derating Output vs Amb. Temp. at Vin = 36 VDC without Heatsink



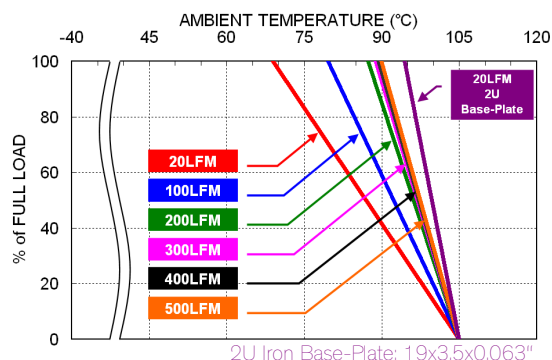
Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink

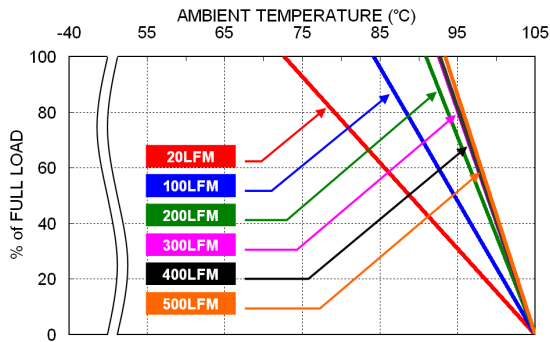


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

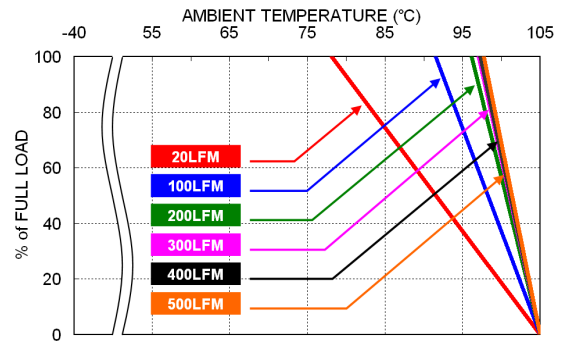


### TEP 40-3613UIR

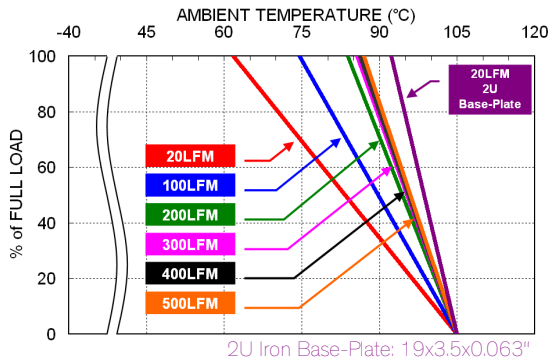
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.24" Height



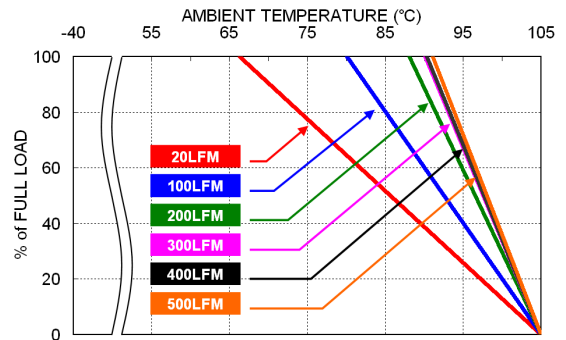
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.5" Height



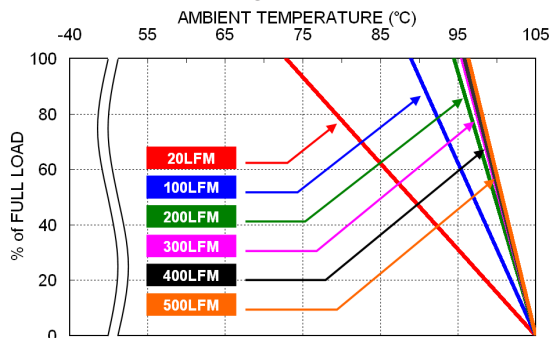
Derating Output vs Amb. Temp. at Vin = 75 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.24" Height



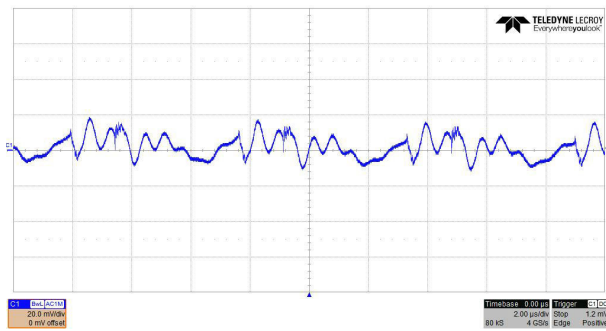
Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.5" Height



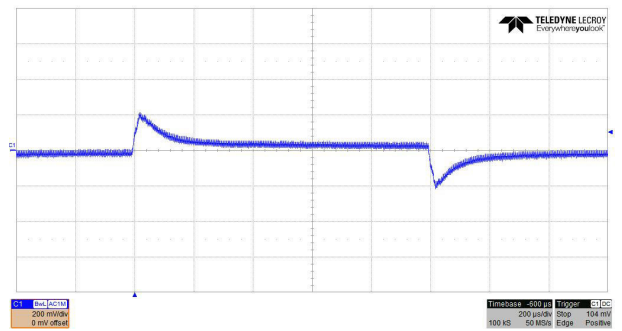
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3613UIR

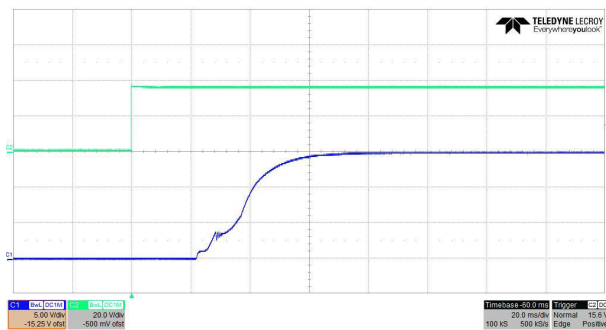
Typical Output Ripple and Noise



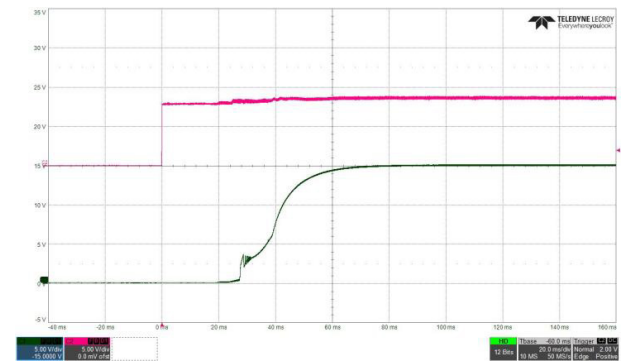
Transient Response to Dynamic Load Change (25%)



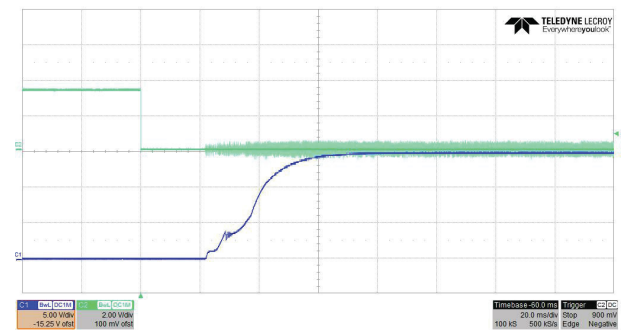
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



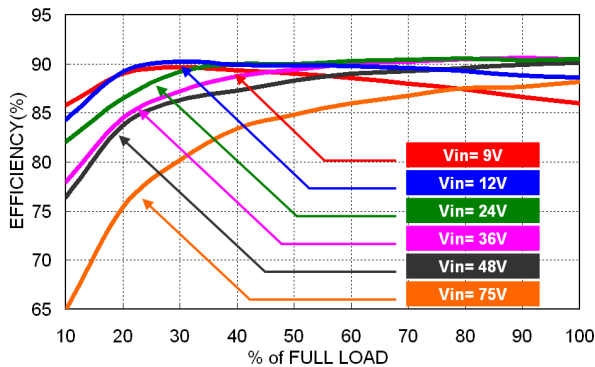
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



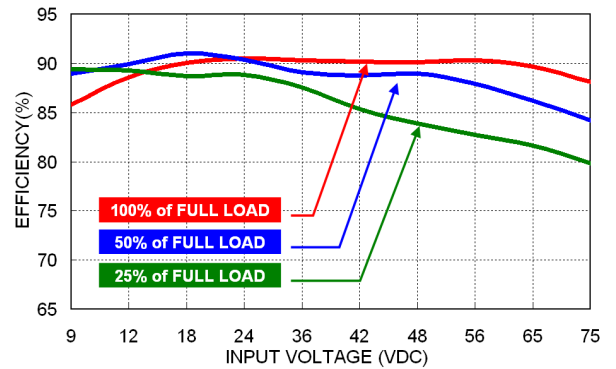
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

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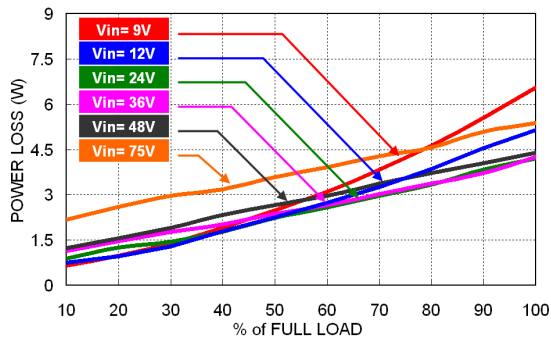
Efficiency versus Output Load



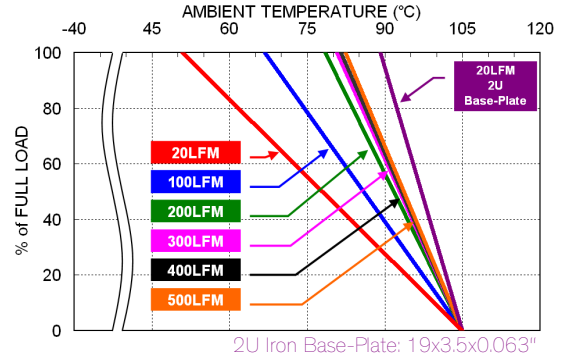
Efficiency versus Input Voltage



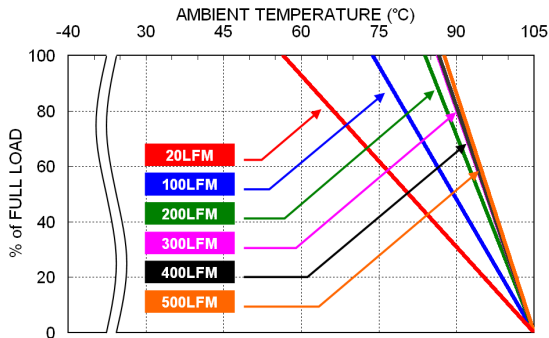
Power Dissipation versus Output Load



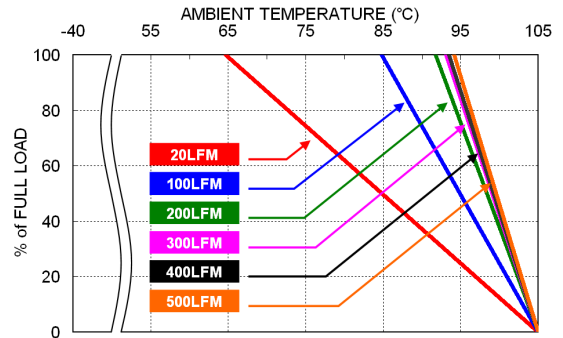
Derating Output vs Amb. Temp. at Vin = 9 VDC without Heatsink



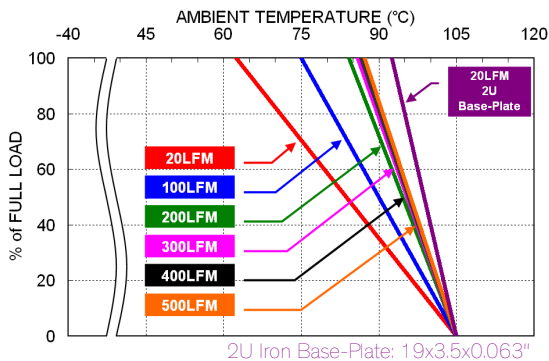
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.24" Height



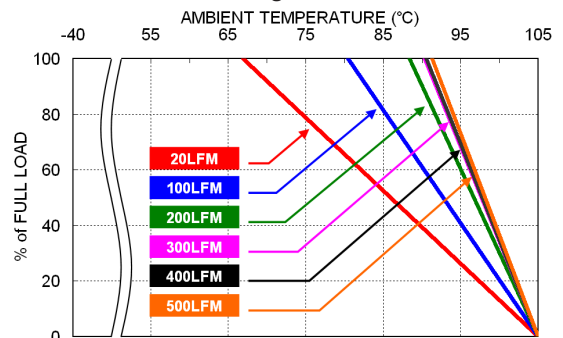
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 12 VDC without Heatsink



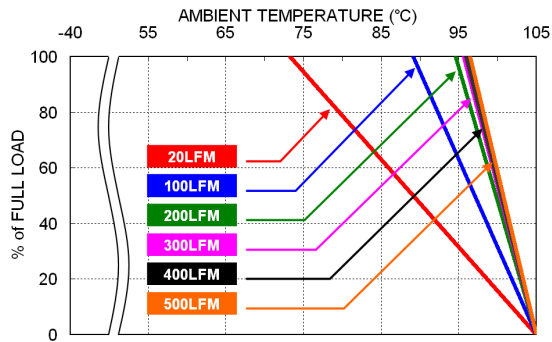
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.24" Height



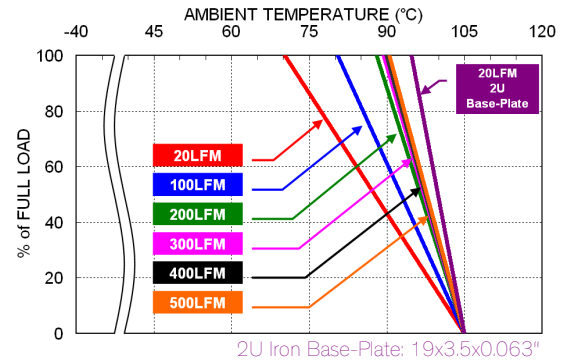
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

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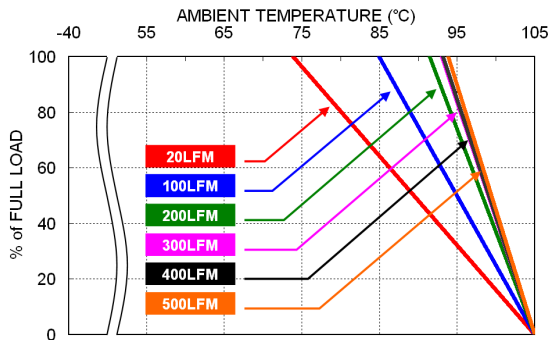
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.5" Height



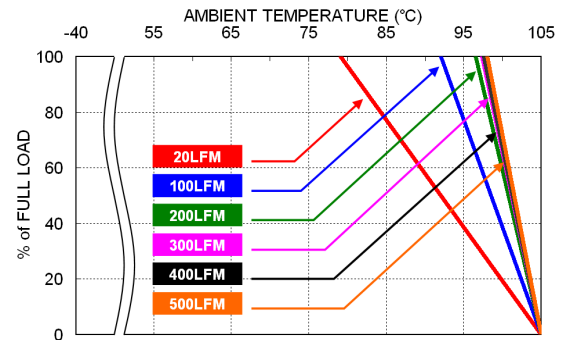
Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



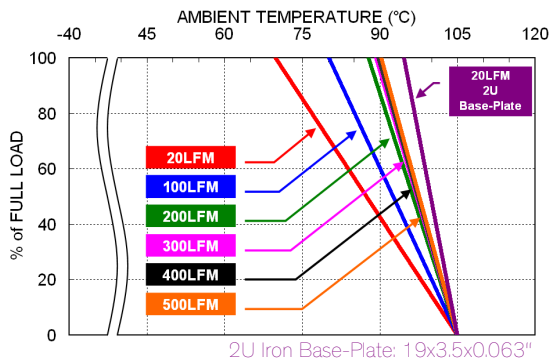
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



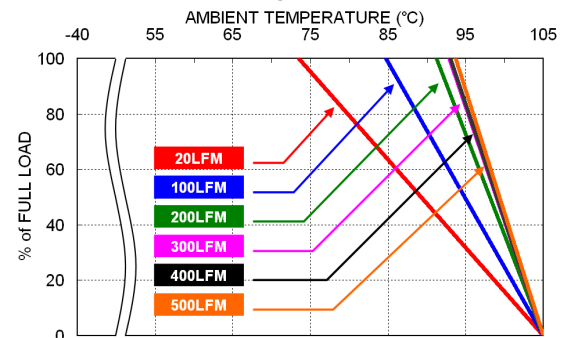
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



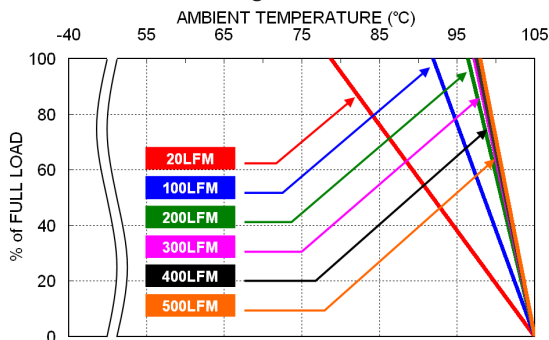
Derating Output vs Amb. Temp. at Vin = 36 VDC without Heatsink



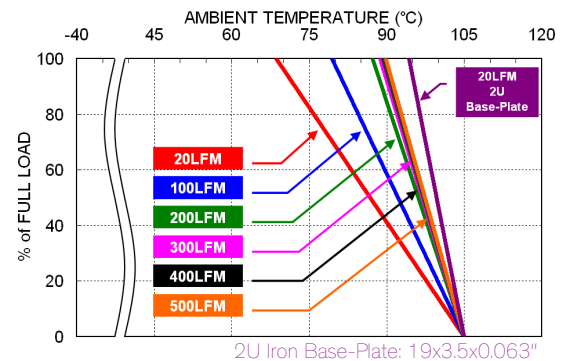
Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.5" Height



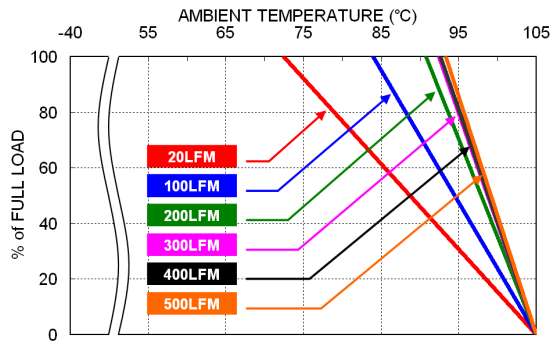
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



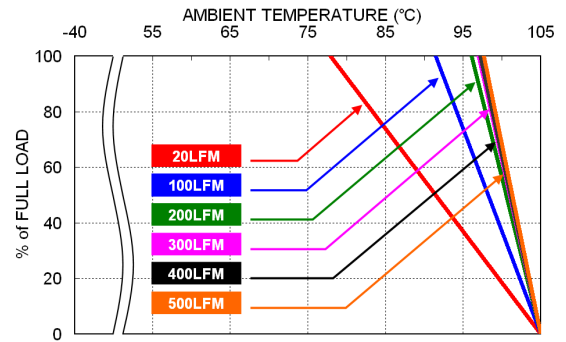
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3615UIR

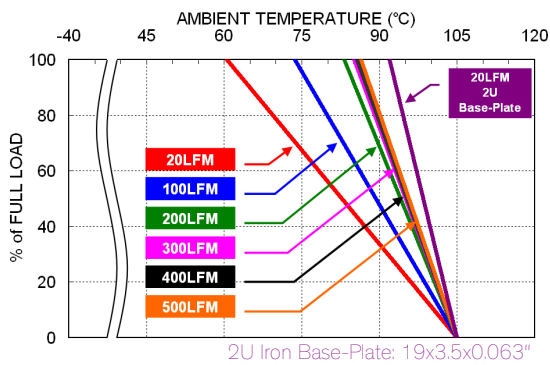
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.24" Height



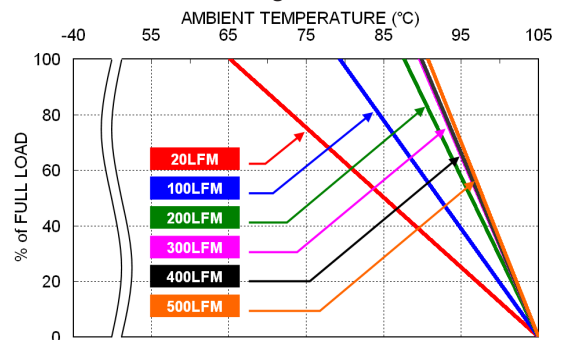
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.5" Height



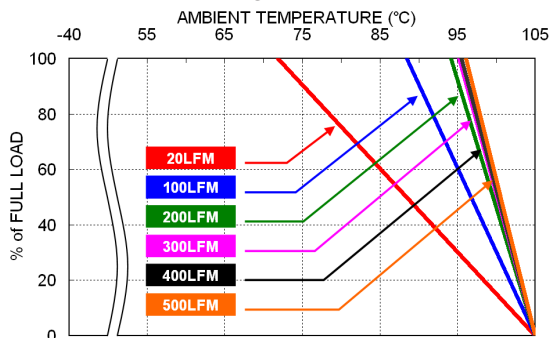
Derating Output vs Amb. Temp. at Vin = 75 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.24" Height



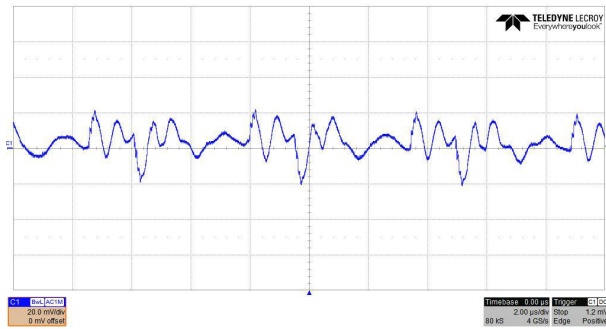
Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.5" Height



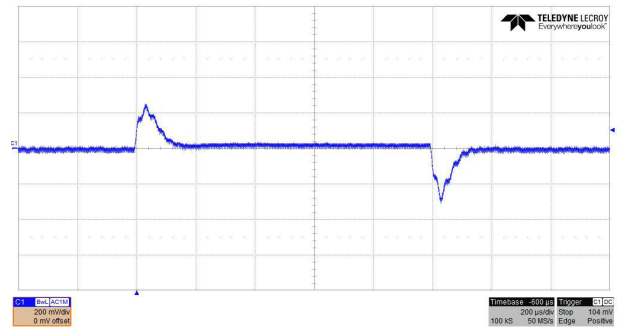
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3615UIR

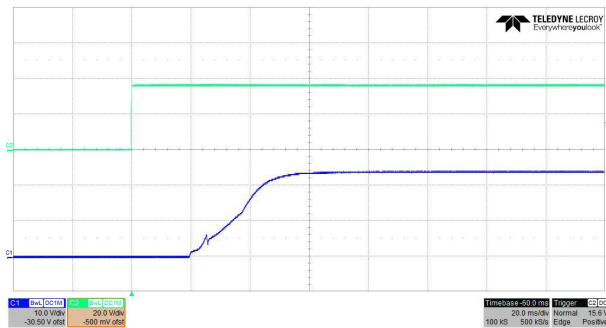
Typical Output Ripple and Noise



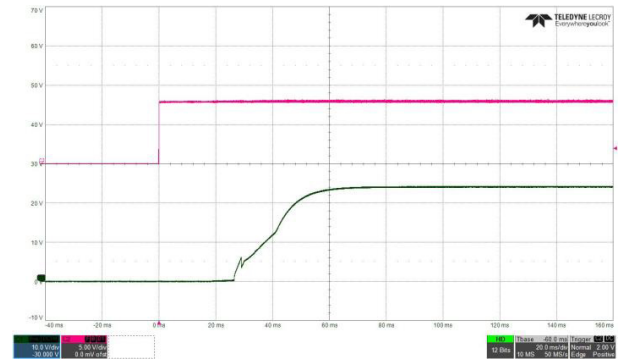
Transient Response to Dynamic Load Change (25%)



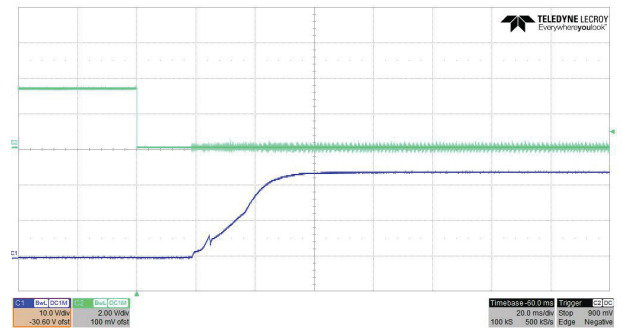
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



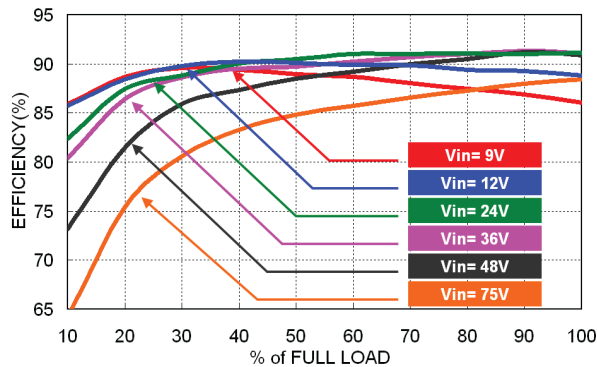
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



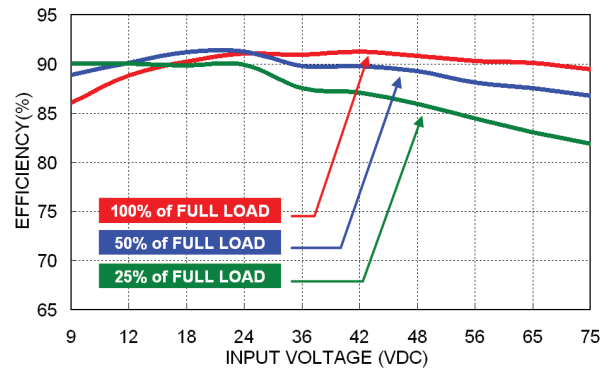


### On demand model with 36 Vin and 28 Vout

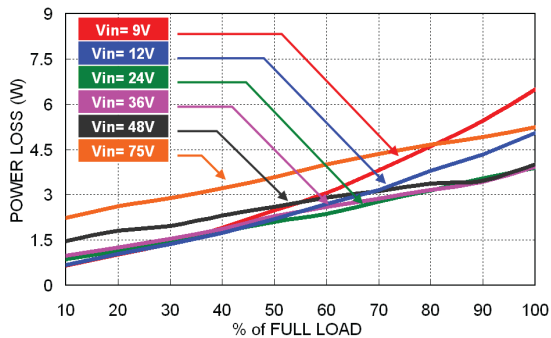
Efficiency versus Output Load



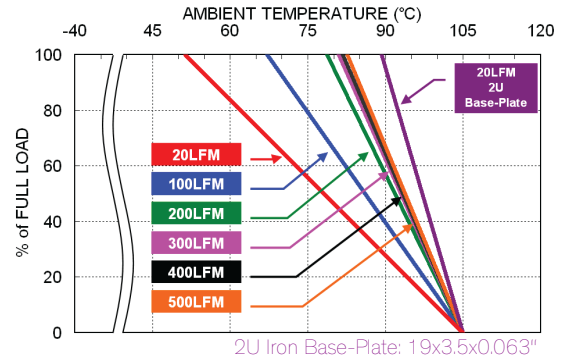
Efficiency versus Input Voltage



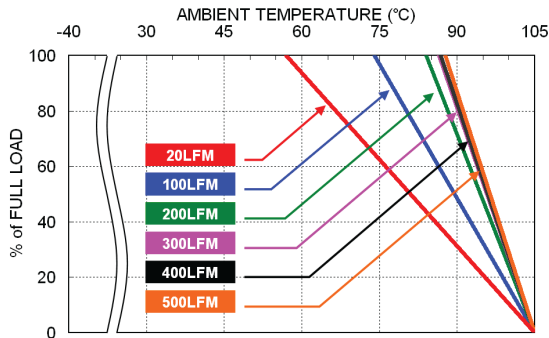
Power Dissipation versus Output Load



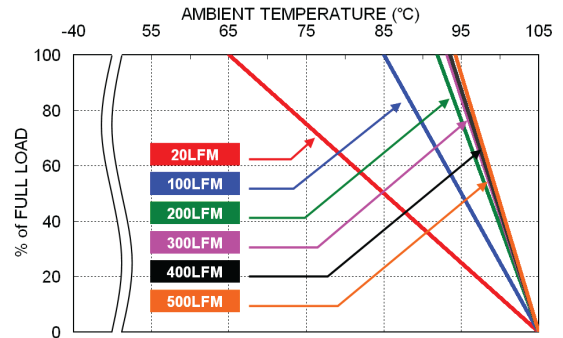
Derating Output vs Amb. Temp. at Vin = 9 VDC without Heatsink



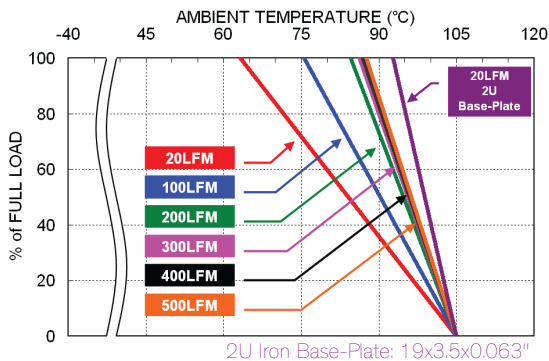
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.24" Height



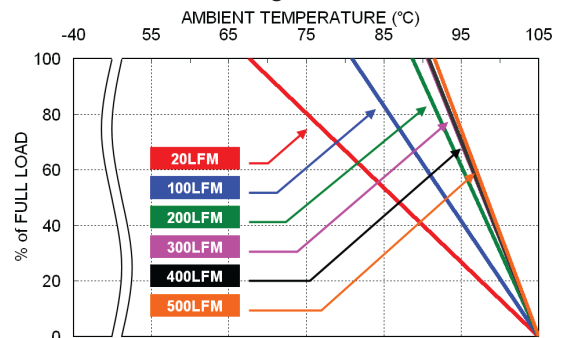
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 12 VDC without Heatsink



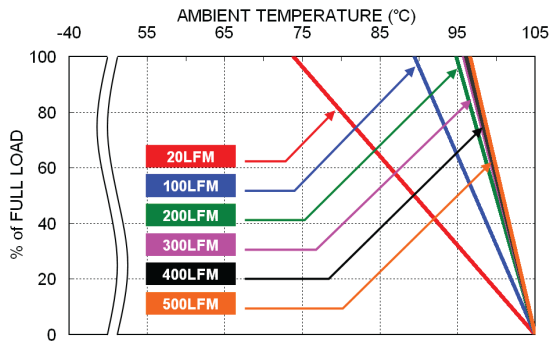
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.24" Height



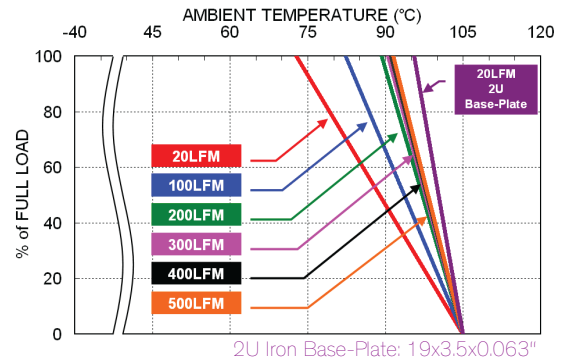
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 36 Vin and 28 Vout

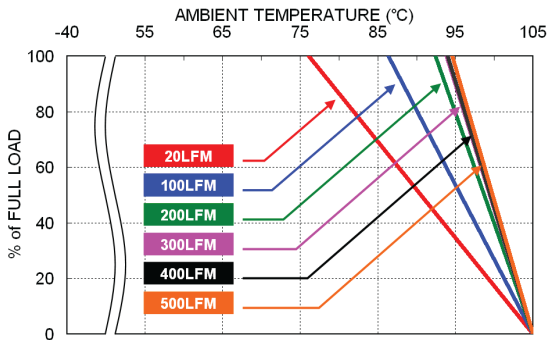
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.5" Height



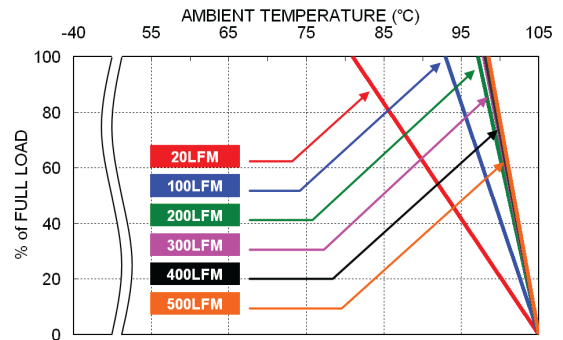
Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



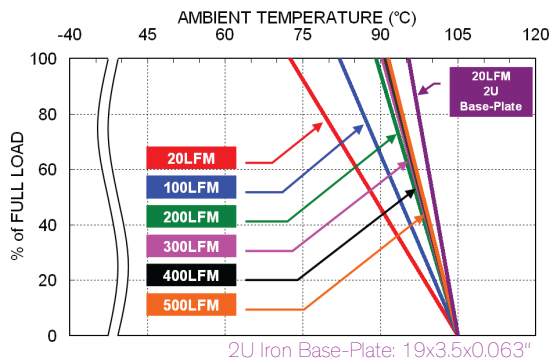
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



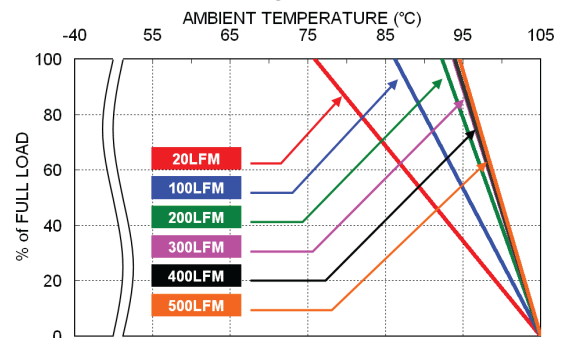
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



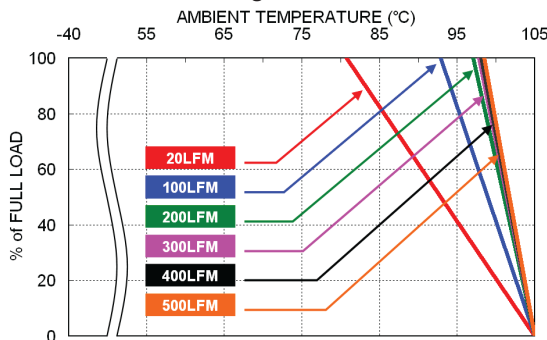
Derating Output vs Amb. Temp. at Vin = 36 VDC without Heatsink



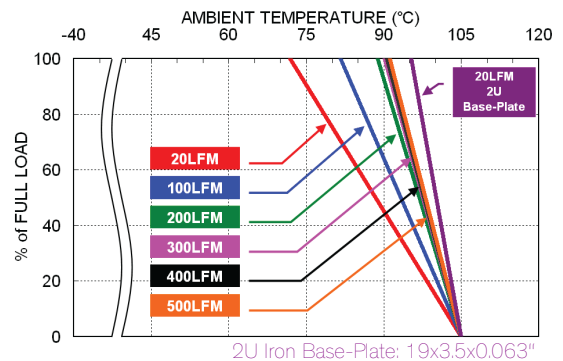
Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.5" Height



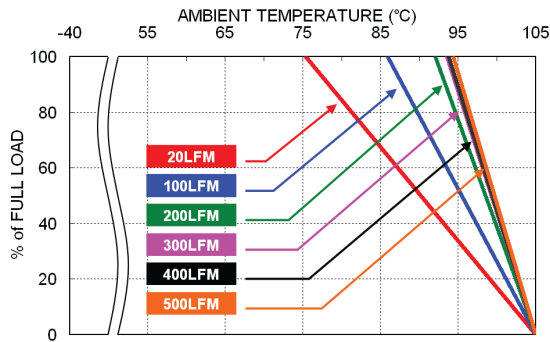
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



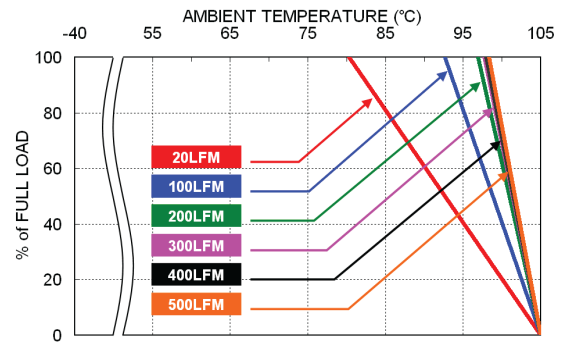
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

**On demand model with 36 Vin and 28 Vout**

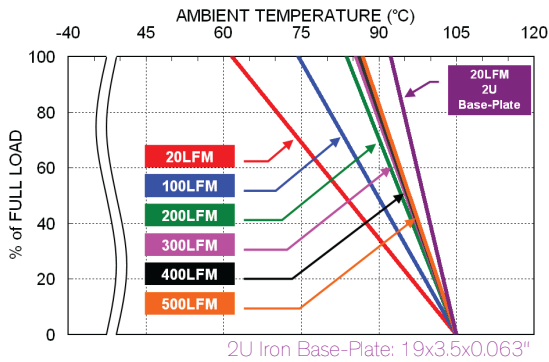
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.24" Height



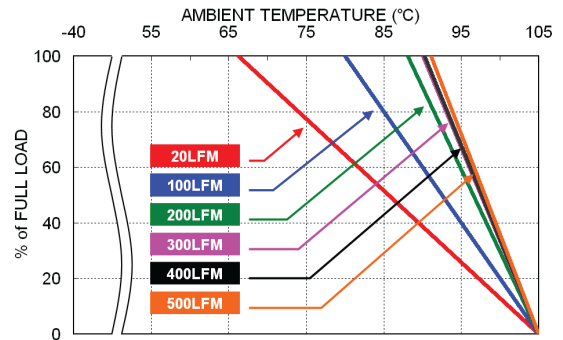
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.5" Height



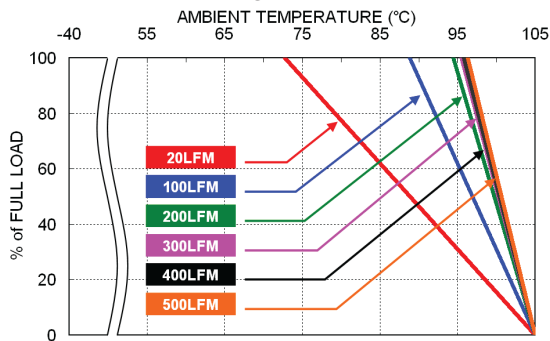
Derating Output vs Amb. Temp. at Vin = 75 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.24" Height



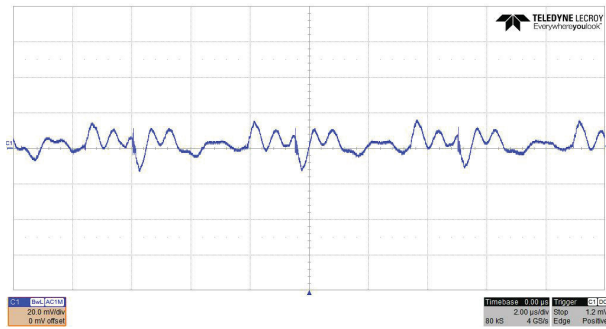
Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.5" Height



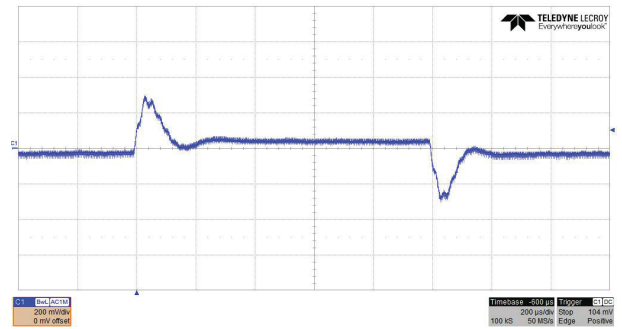
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 36 Vin and 28 Vout

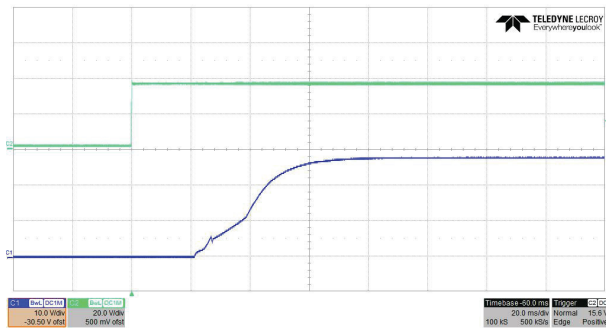
Typical Output Ripple and Noise



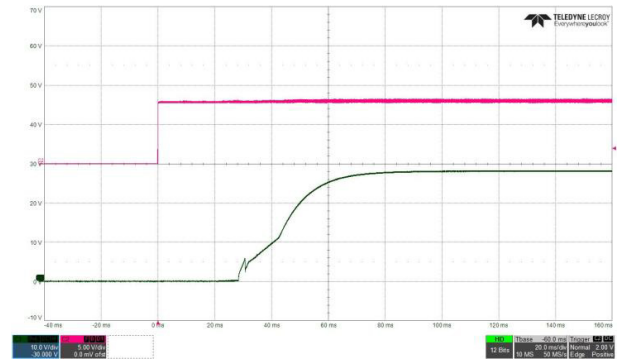
Transient Response to Dynamic Load Change (25%)



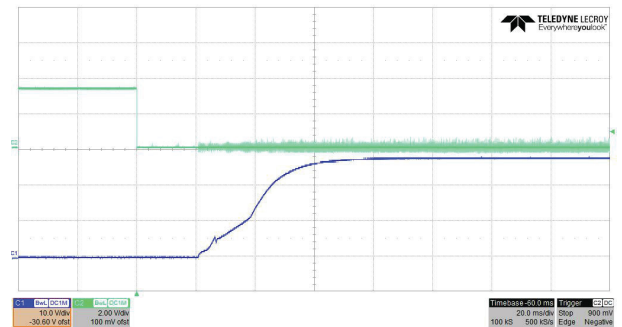
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic

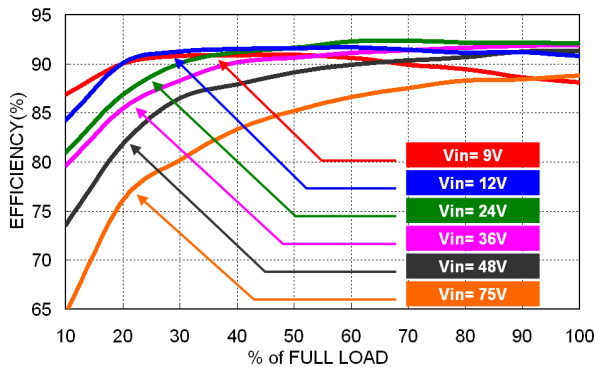


Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic

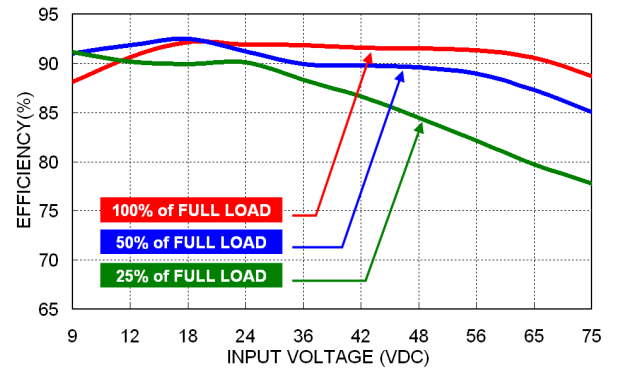


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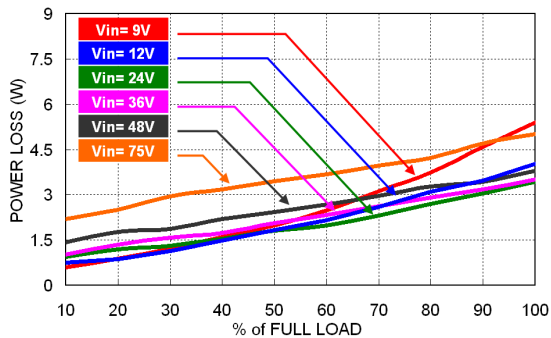
Efficiency versus Output Load



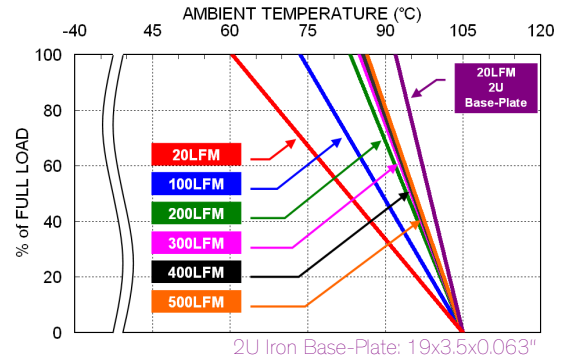
Efficiency versus Input Voltage



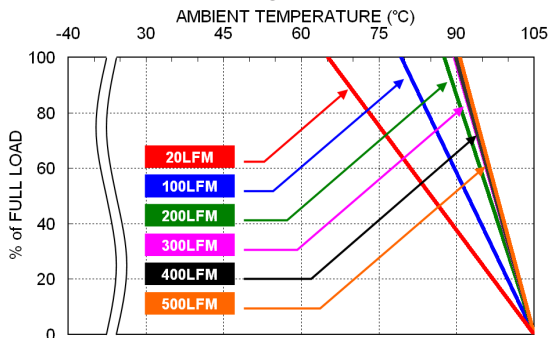
Power Dissipation versus Output Load



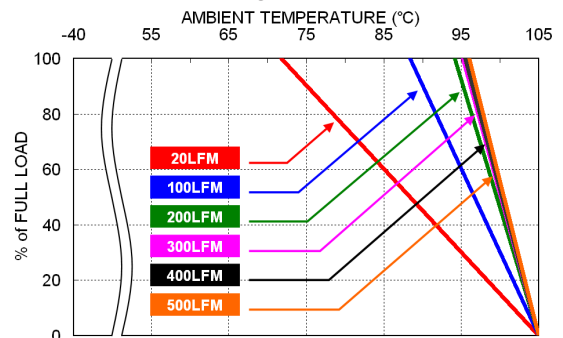
Derating Output vs Amb. Temp. at Vin = 9 VDC without Heatsink



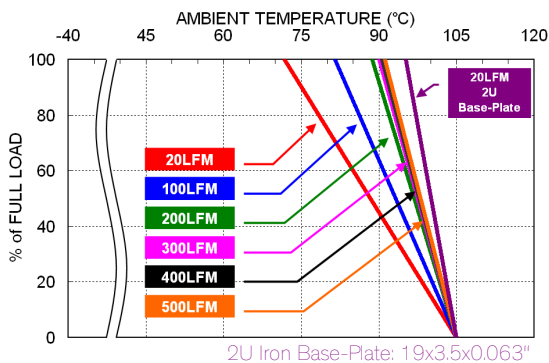
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.24" Height



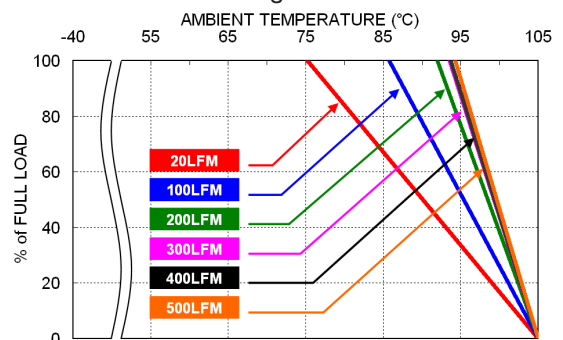
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 12 VDC without Heatsink



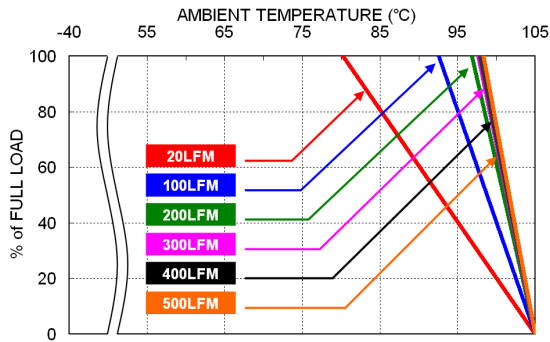
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.24" Height



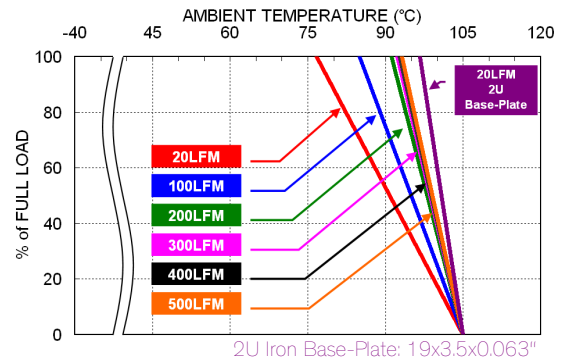
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-3618UIR

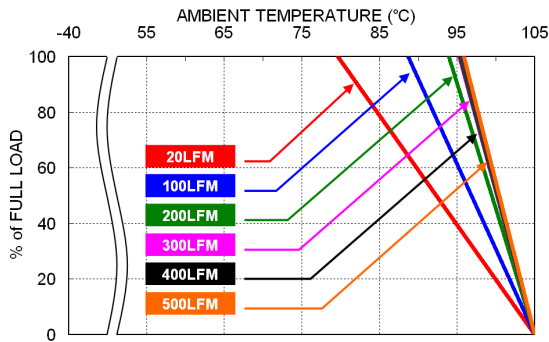
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.5" Height



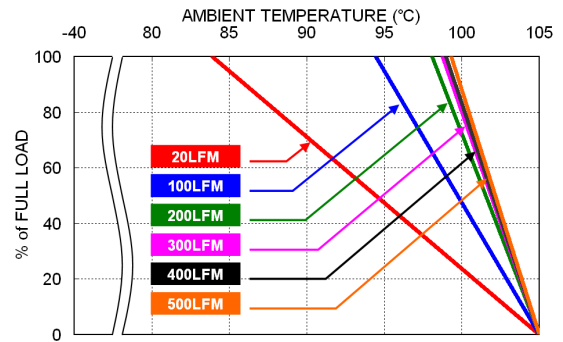
Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



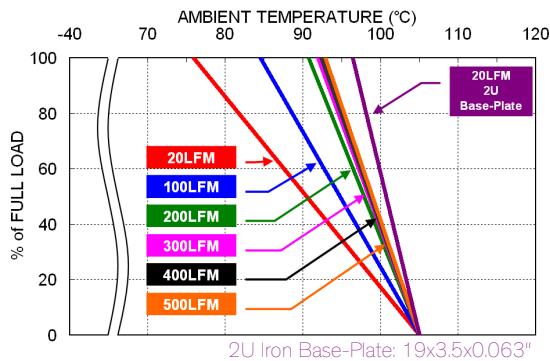
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



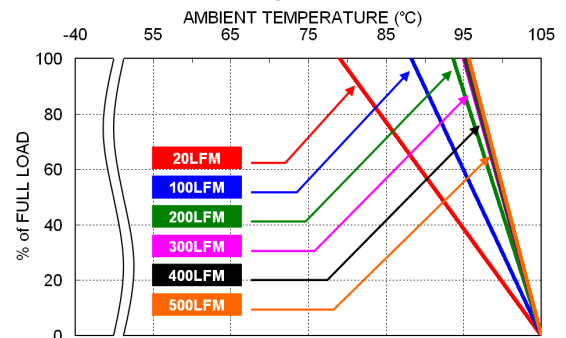
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



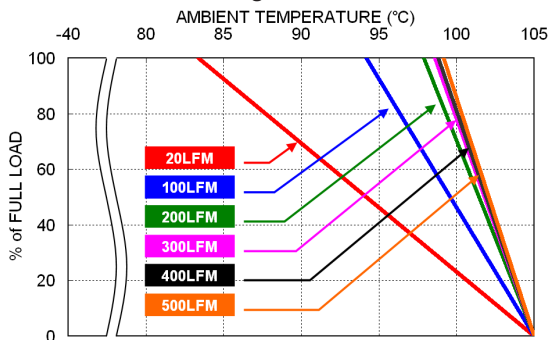
Derating Output vs Amb. Temp. at Vin = 36 VDC without Heatsink



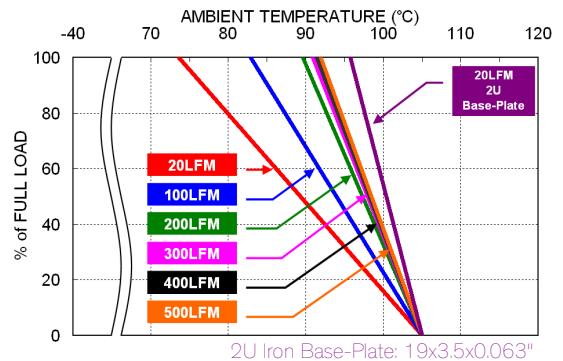
Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink

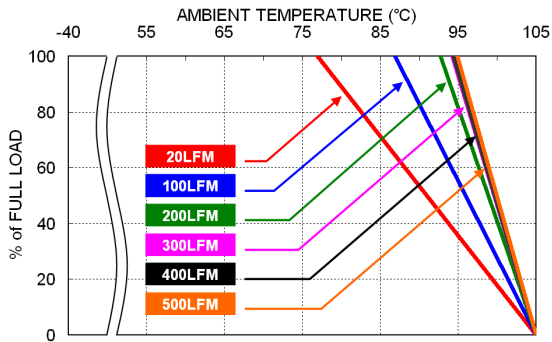


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

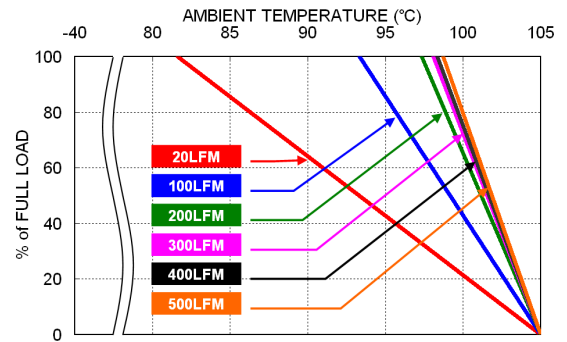


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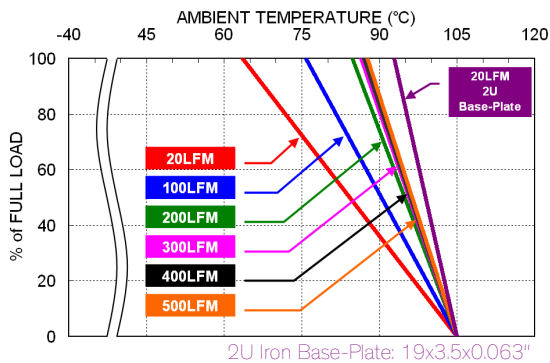
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.24" Height



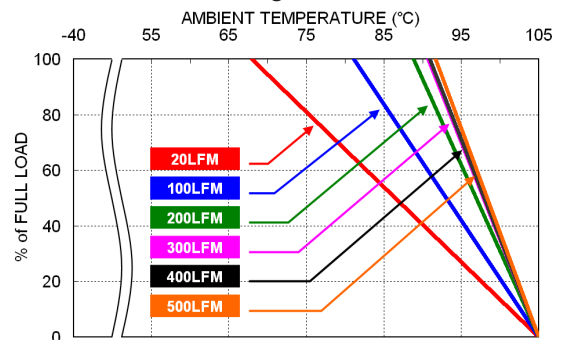
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.5" Height



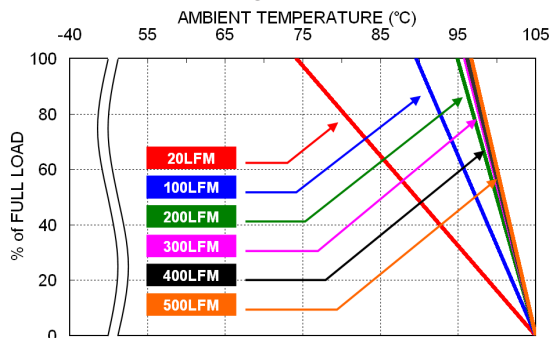
Derating Output vs Amb. Temp. at Vin = 75 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.24" Height



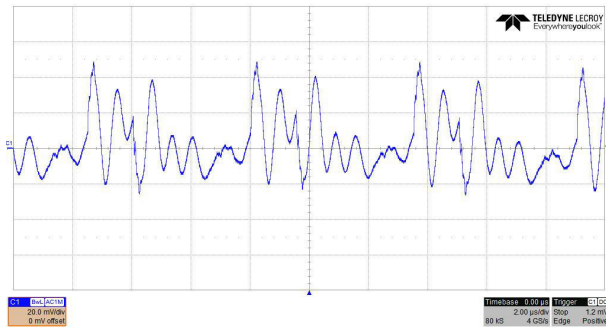
Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.5" Height



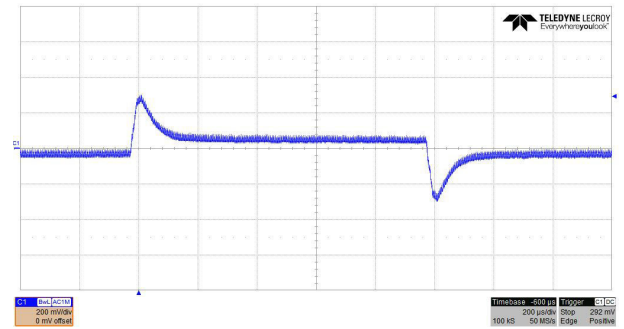
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

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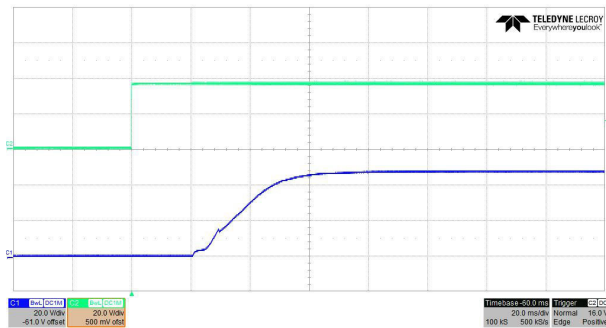
Typical Output Ripple and Noise



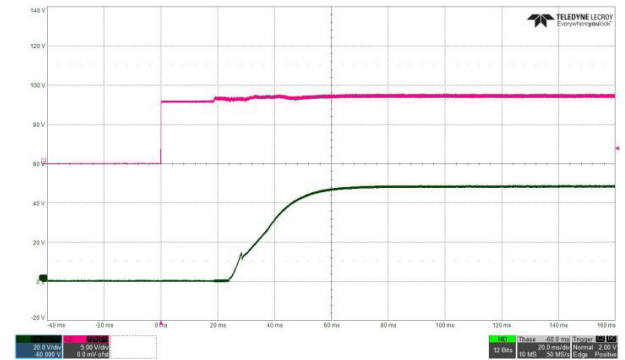
Transient Response to Dynamic Load Change (25%)



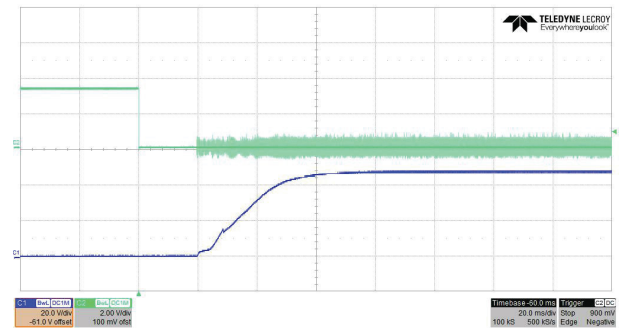
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



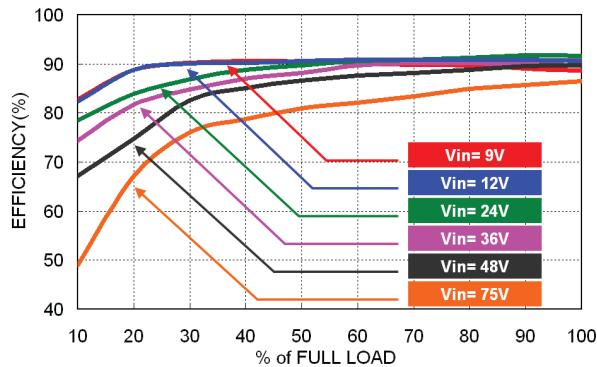
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



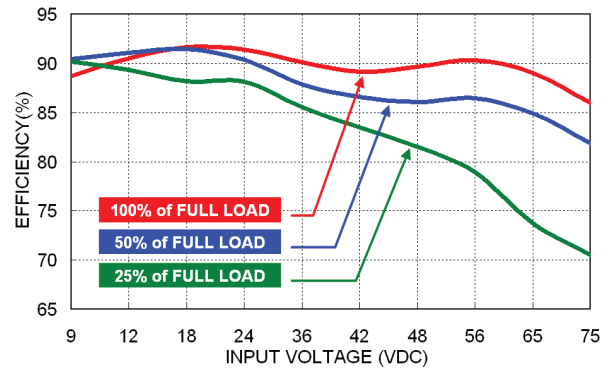
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 36 Vin and 53 Vout

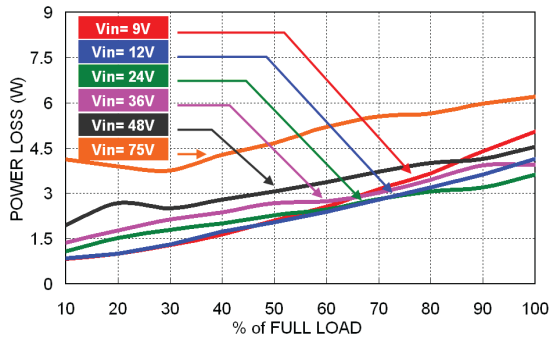
Efficiency versus Output Load



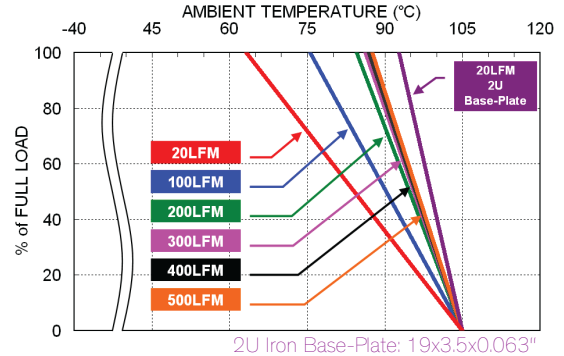
Efficiency versus Input Voltage



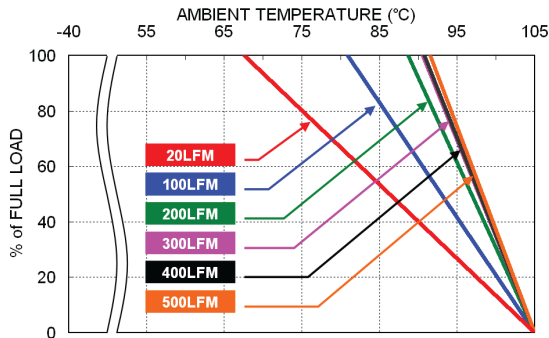
Power Dissipation versus Output Load



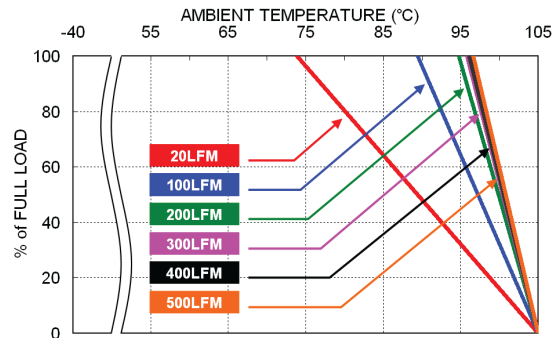
Derating Output vs Amb. Temp. at Vin = 9 VDC without Heatsink



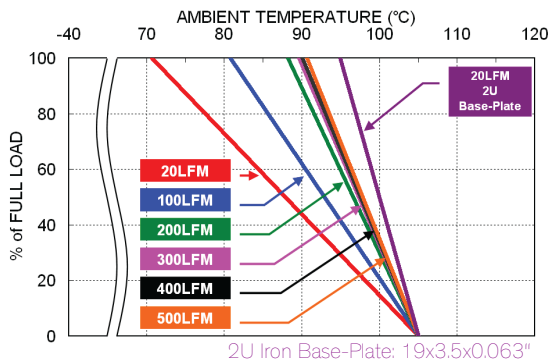
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.24" Height



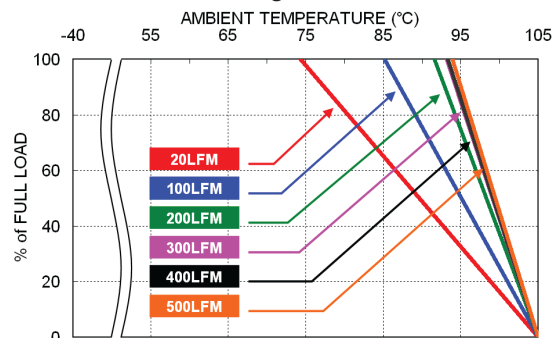
Derating Output vs Amb. Temp. at Vin = 9 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 12 VDC without Heatsink



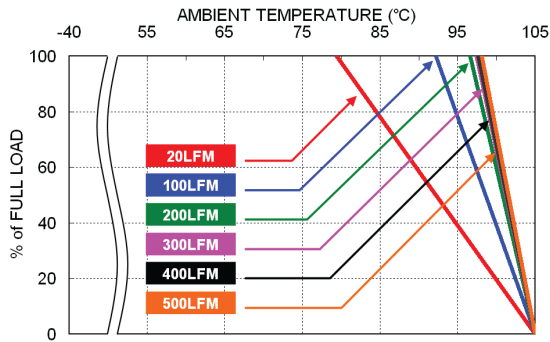
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.24" Height



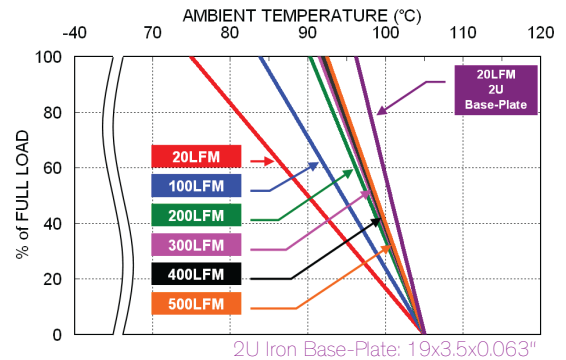
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 36 Vin and 53 Vout

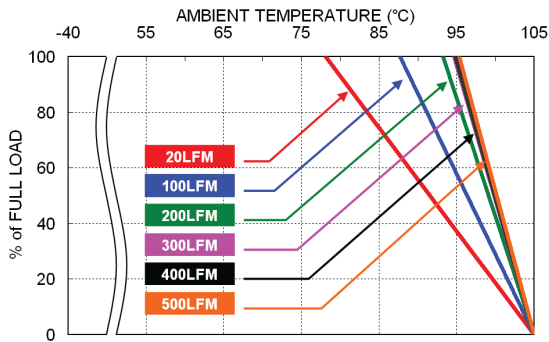
Derating Output vs Amb. Temp. at Vin = 12 VDC with Heatsink 0.5" Height



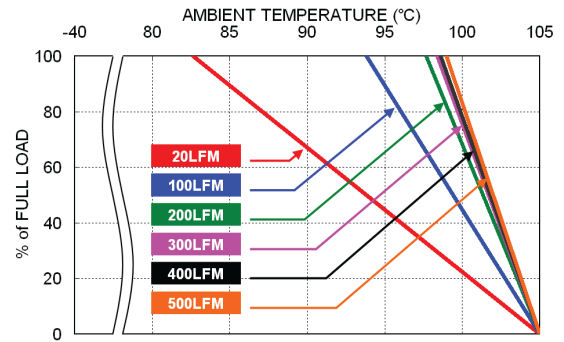
Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



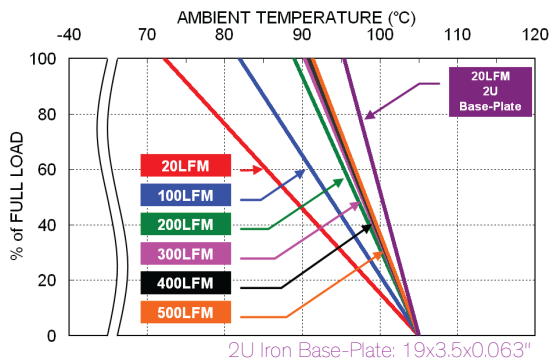
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



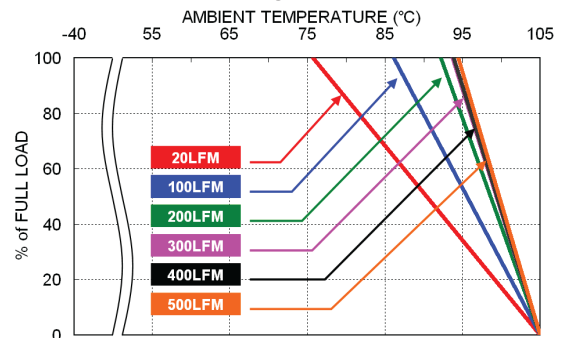
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



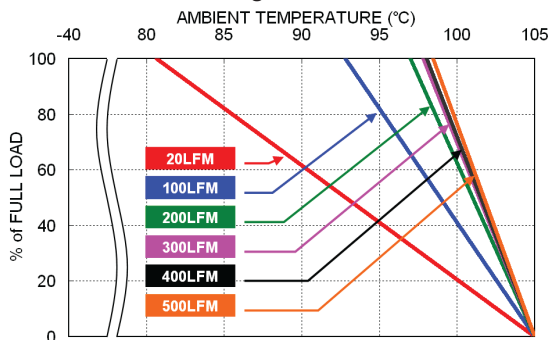
Derating Output vs Amb. Temp. at Vin = 36 VDC without Heatsink



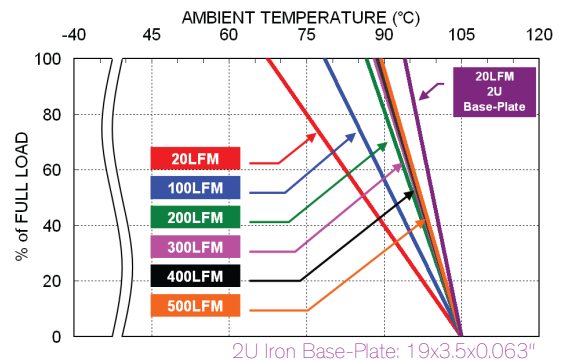
Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 36 VDC with Heatsink 0.5" Height



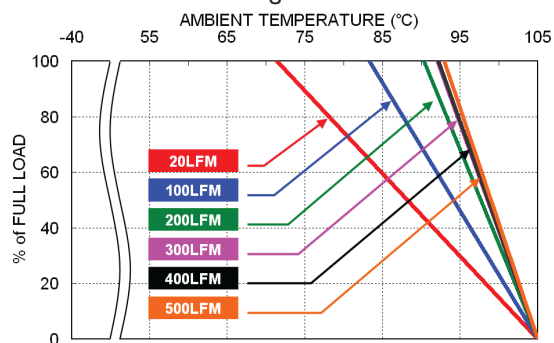
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



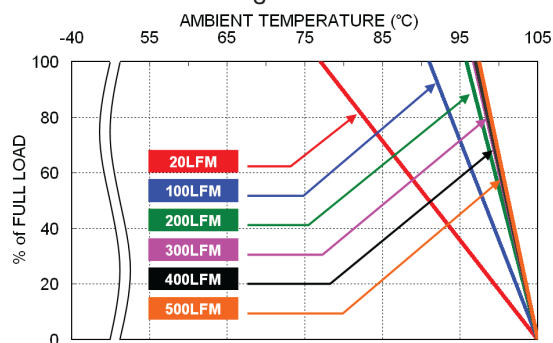
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 36 Vin and 53 Vout

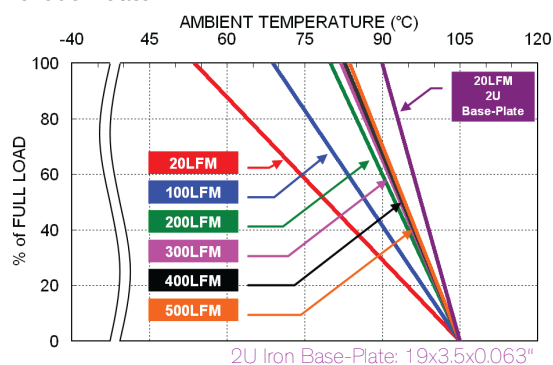
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.24" Height



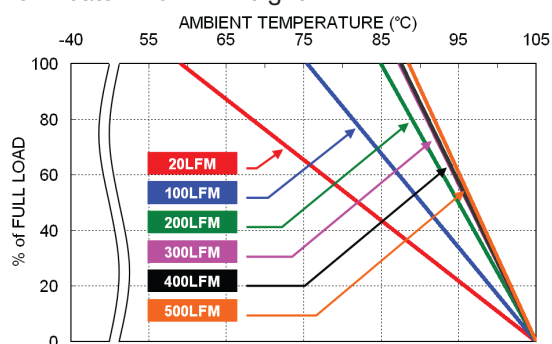
Derating Output vs Amb. Temp. at Vin = 48 VDC  
with Heatsink 0.5" Height



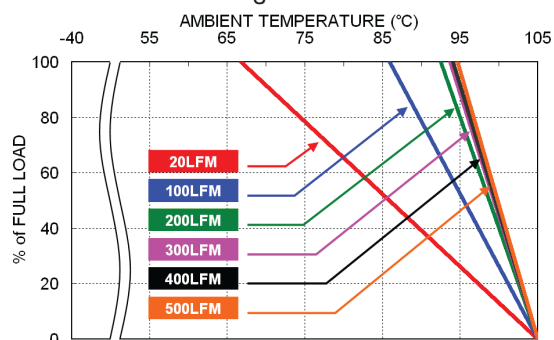
Derating Output vs Amb. Temp. at Vin = 75 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.24" Height



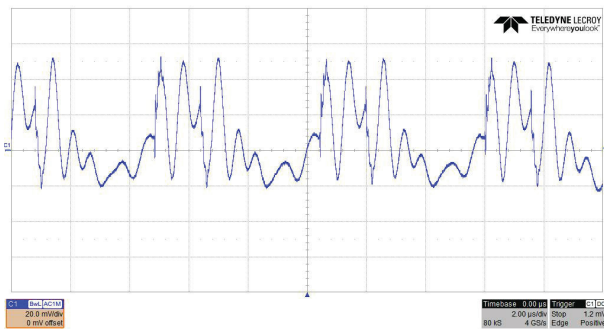
Derating Output vs Amb. Temp. at Vin = 75 VDC  
with Heatsink 0.5" Height



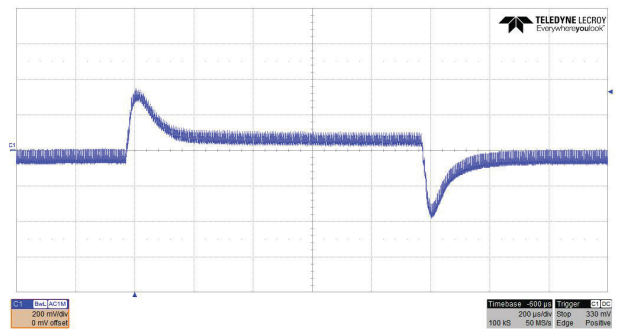
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 36 Vin and 53 Vout

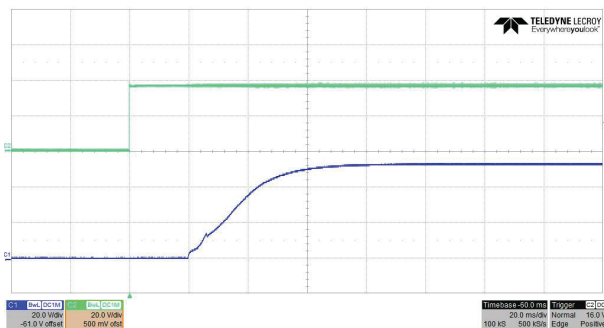
Typical Output Ripple and Noise



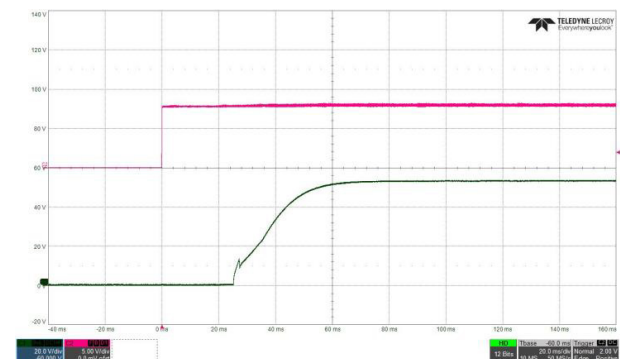
Transient Response to Dynamic Load Change (25%)



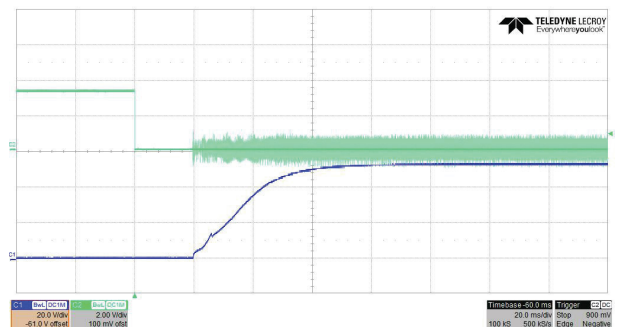
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



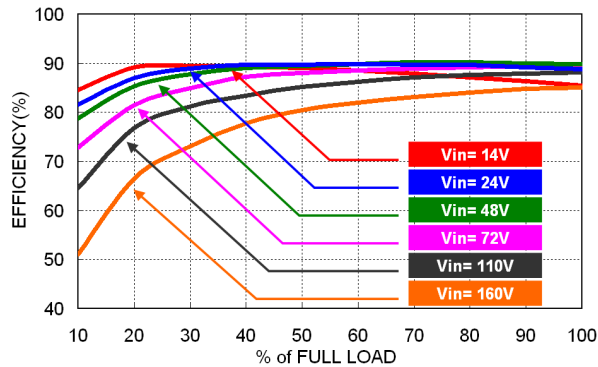
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



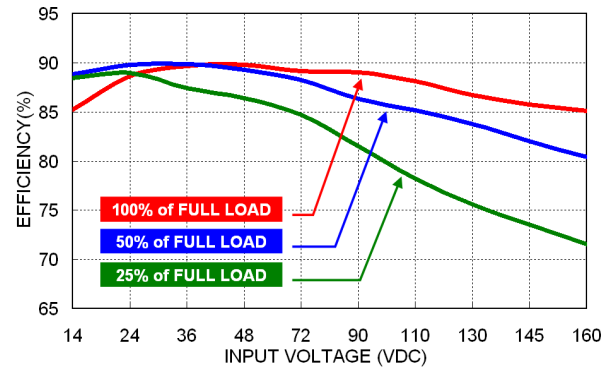


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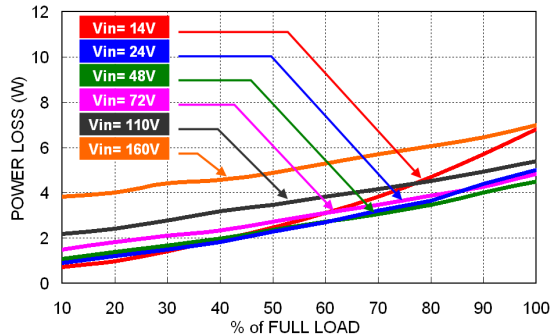
Efficiency versus Output Load



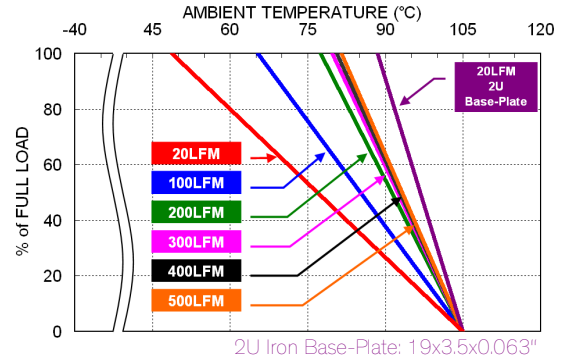
Efficiency versus Input Voltage



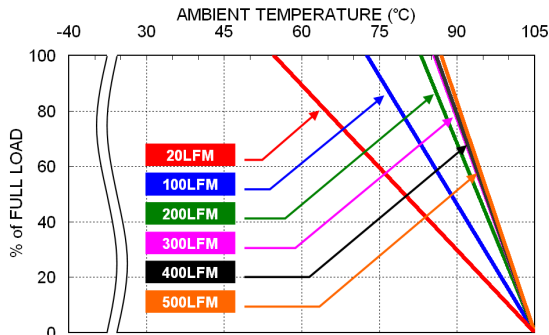
Power Dissipation versus Output Load



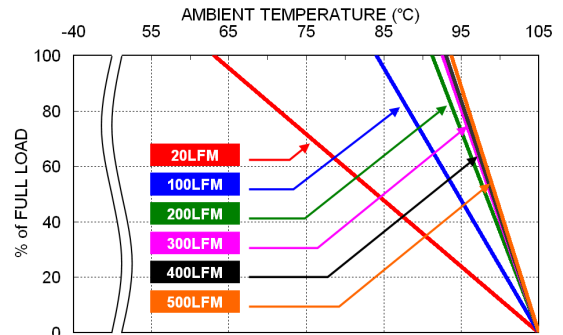
Derating Output vs Amb. Temp. at Vin = 14 VDC without Heatsink



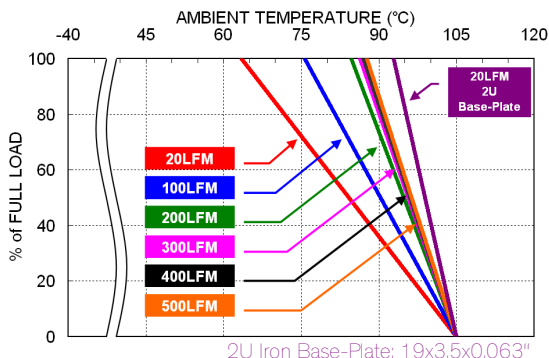
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.24" Height



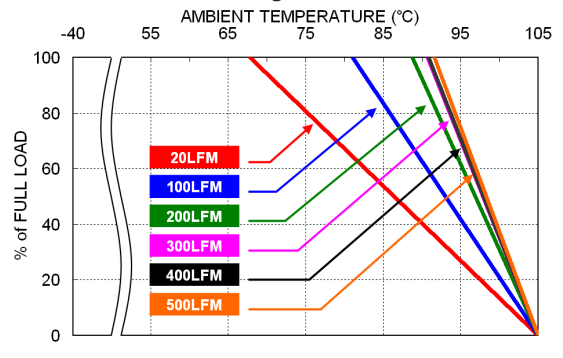
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



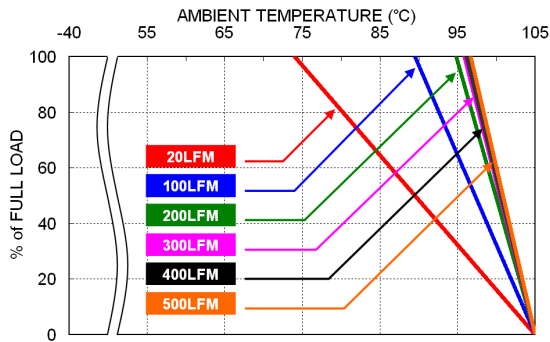
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



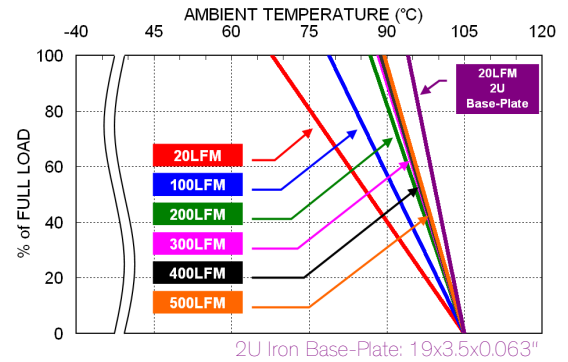
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

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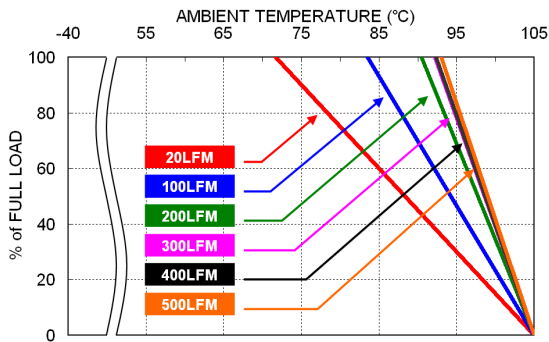
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



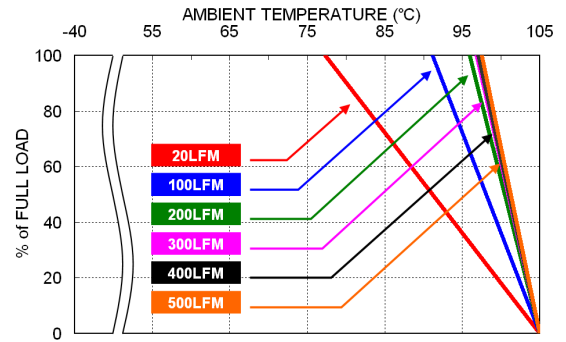
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



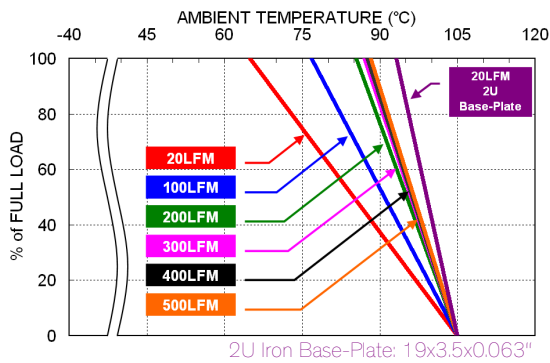
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.24" Height



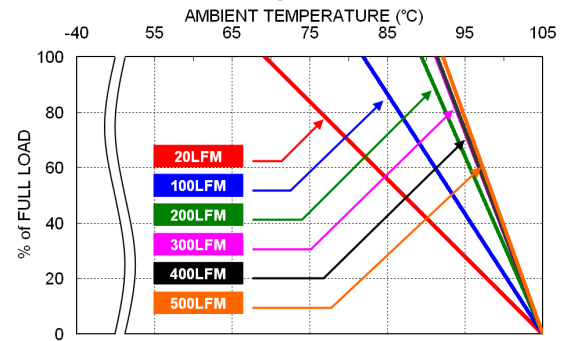
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.5" Height



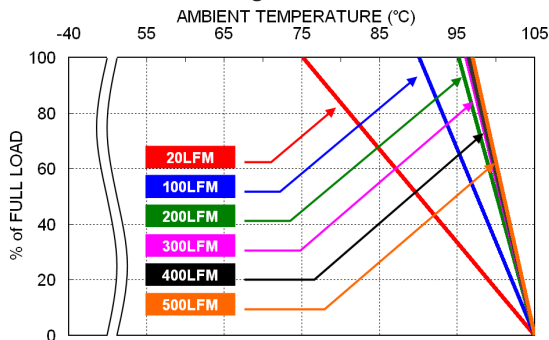
Derating Output vs Amb. Temp. at Vin = 72 VDC without Heatsink



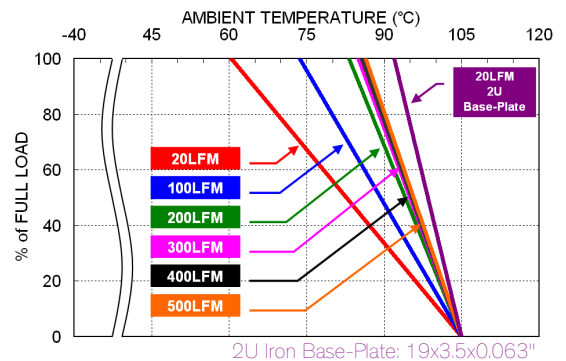
Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.5" Height



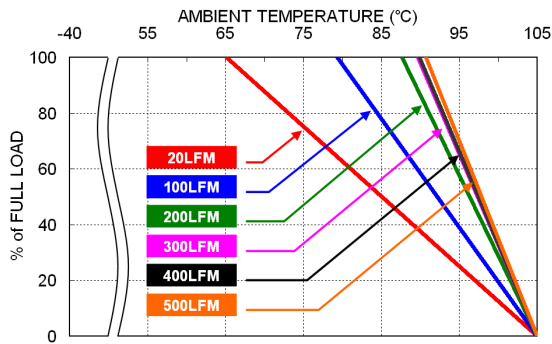
Derating Output vs Amb. Temp. at Vin = 110 VDC without Heatsink



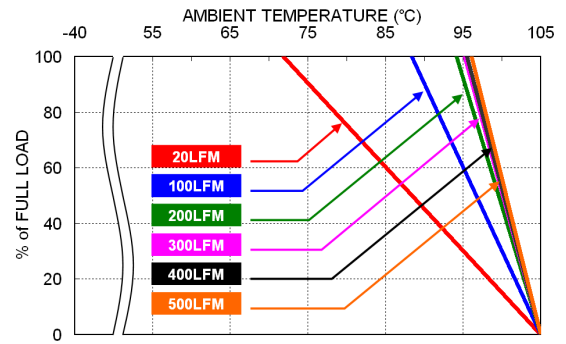
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

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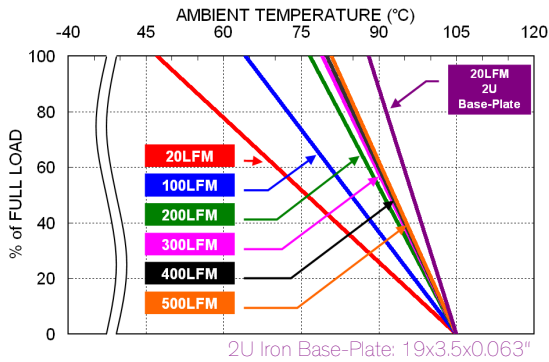
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.24" Height



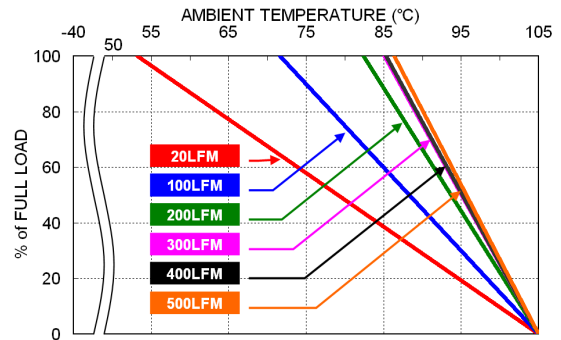
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.5" Height



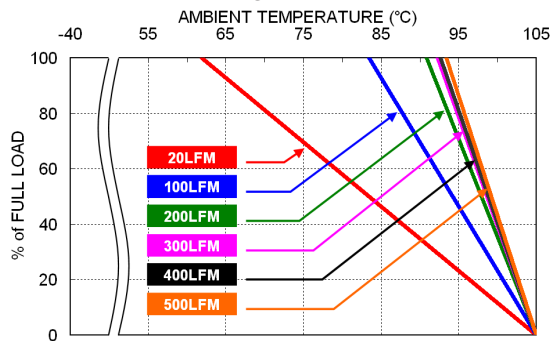
Derating Output vs Amb. Temp. at Vin = 160 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.24" Height



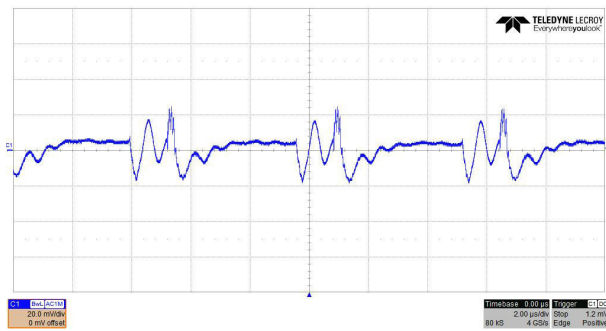
Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.5" Height



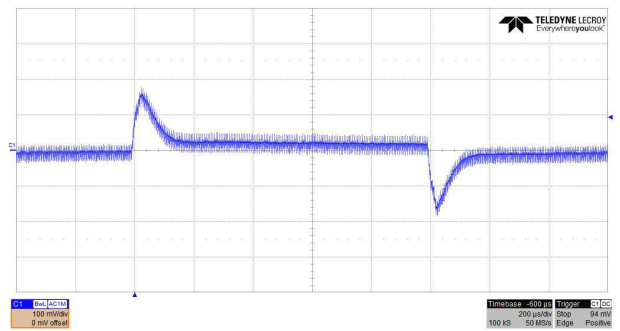
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7211UIR

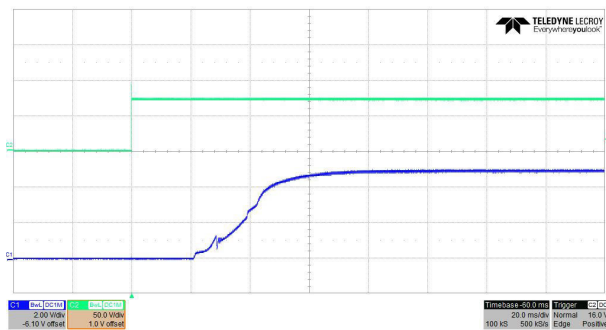
Typical Output Ripple and Noise



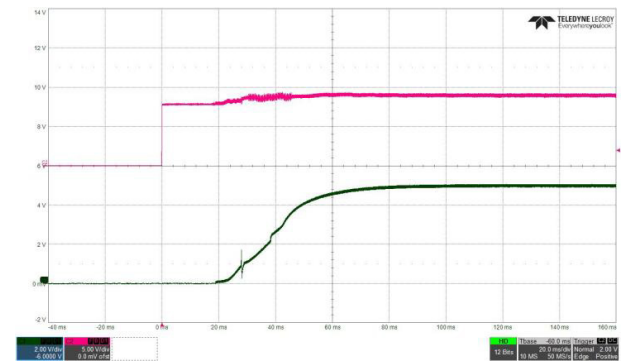
Transient Response to Dynamic Load Change (25%)



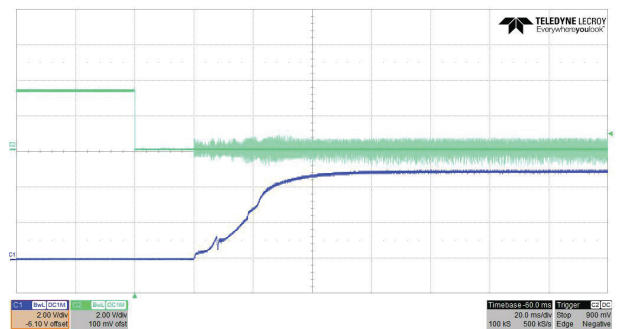
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic

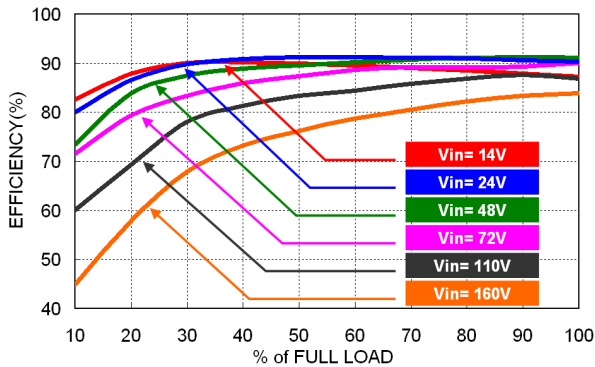


Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic

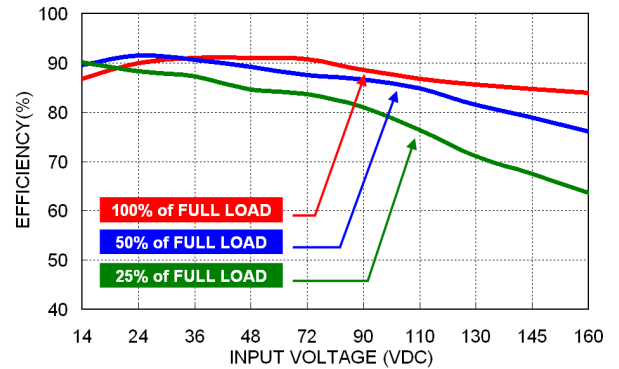


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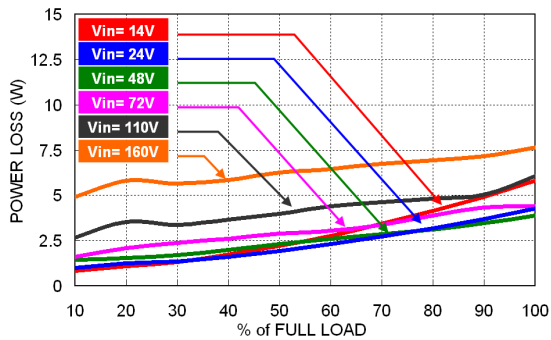
Efficiency versus Output Load



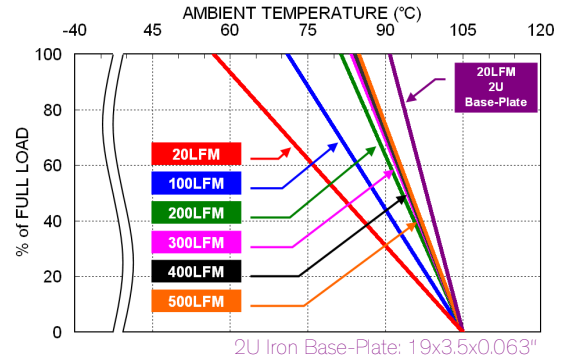
Efficiency versus Input Voltage



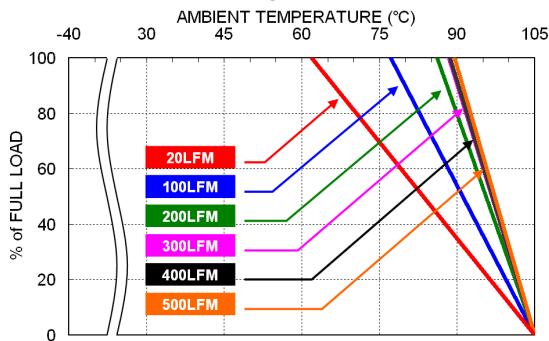
Power Dissipation versus Output Load



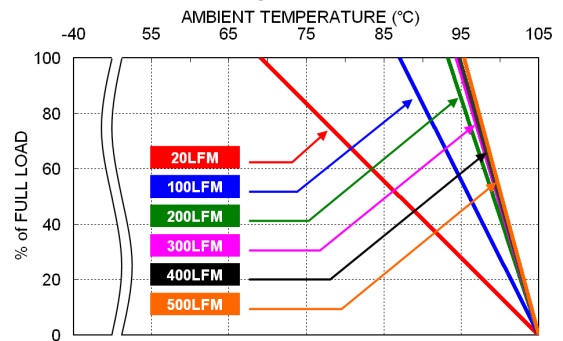
Derating Output vs Amb. Temp. at Vin = 14 VDC without Heatsink



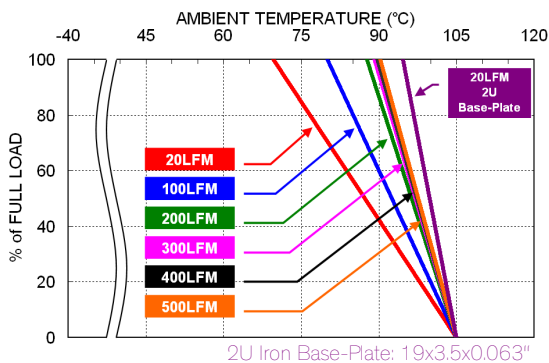
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.24" Height



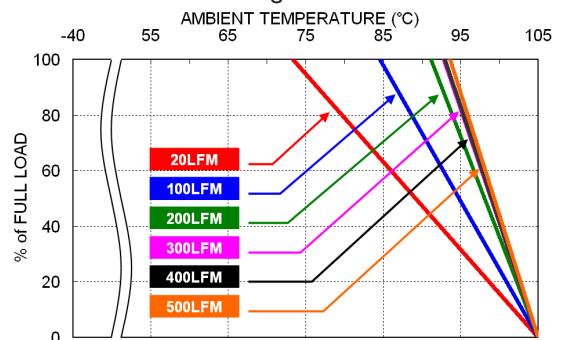
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



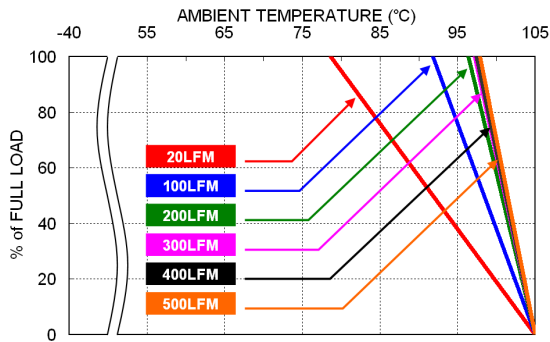
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



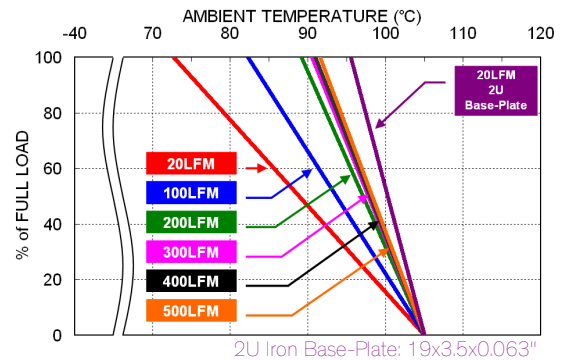
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7212UIR

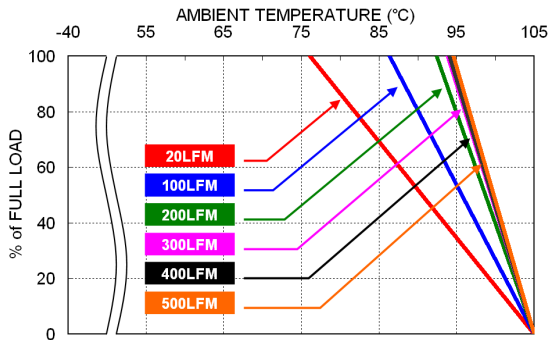
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



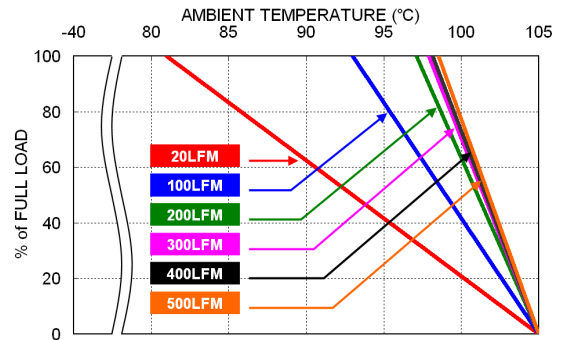
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



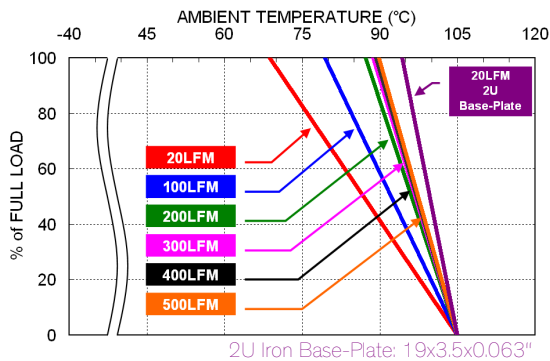
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.24" Height



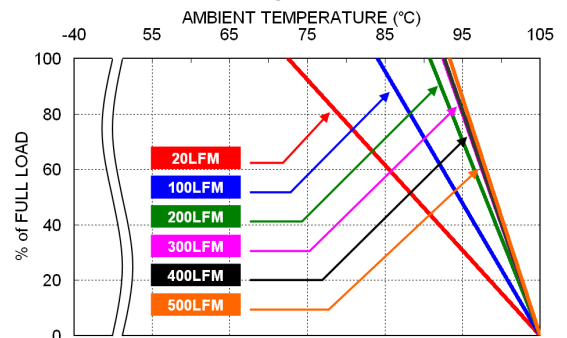
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.5" Height



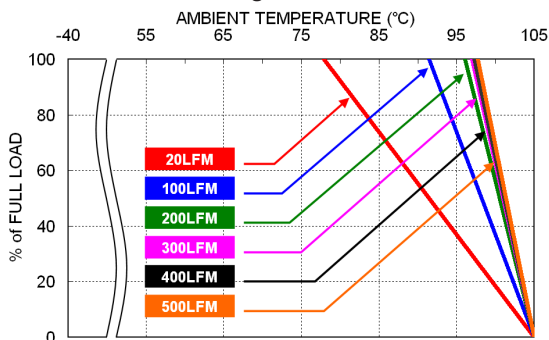
Derating Output vs Amb. Temp. at Vin = 72 VDC without Heatsink



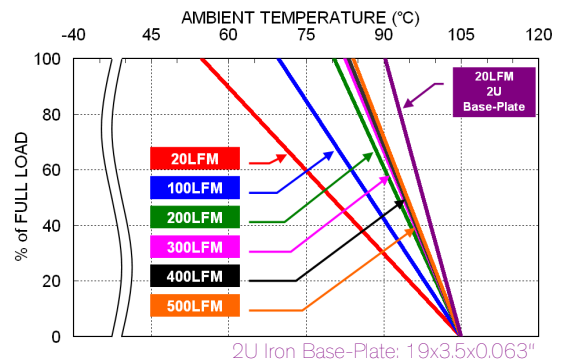
Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 110 VDC without Heatsink

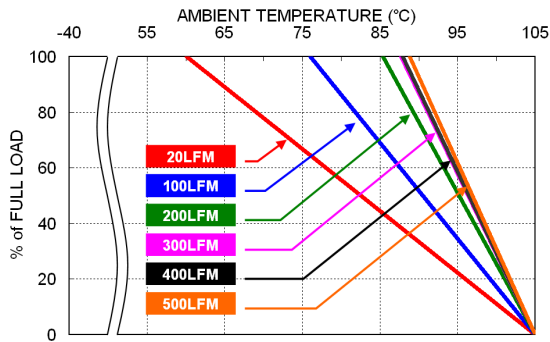


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

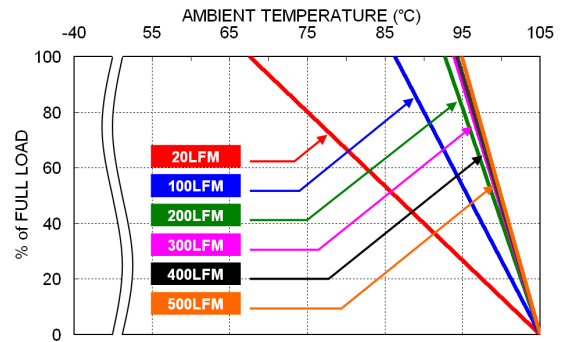


### TEP 40-7212UIR

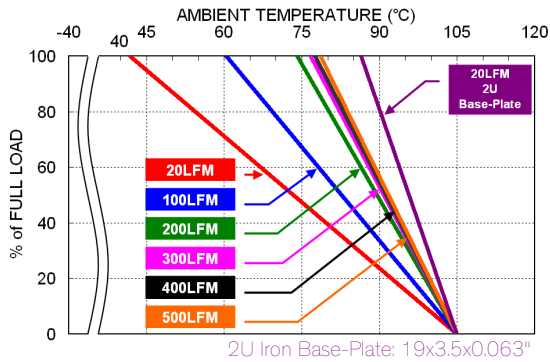
Derating Output vs Amb. Temp. at  $V_{in} = 110$  VDC  
with Heatsink 0.24" Height



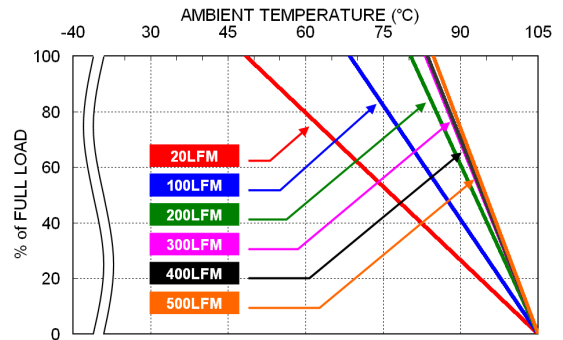
Derating Output vs Amb. Temp. at  $V_{in} = 110$  VDC  
with Heatsink 0.5" Height



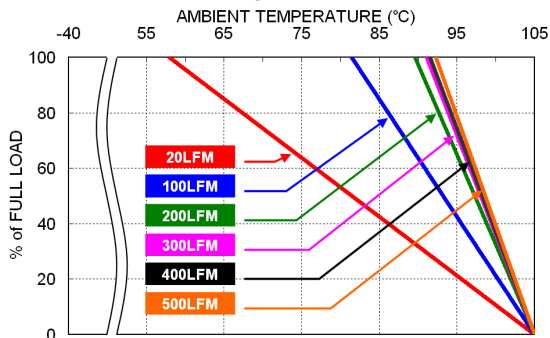
Derating Output vs Amb. Temp. at  $V_{in} = 160$  VDC  
without Heatsink



Derating Output vs Amb. Temp. at  $V_{in} = 160$  VDC  
with Heatsink 0.24" Height



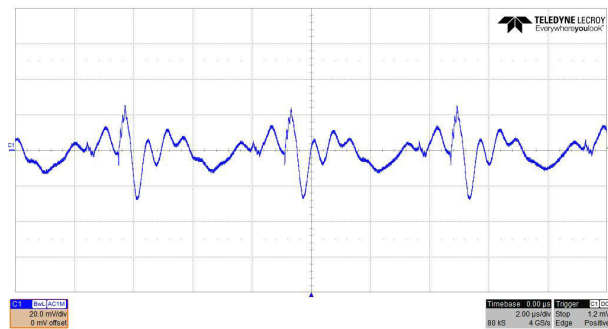
Derating Output vs Amb. Temp. at  $V_{in} = 160$  VDC  
with Heatsink 0.5" Height



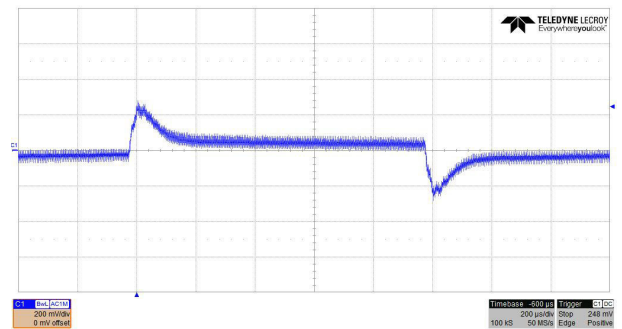
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7212UIR

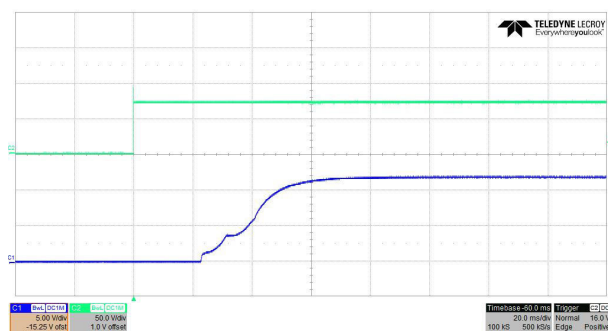
Typical Output Ripple and Noise



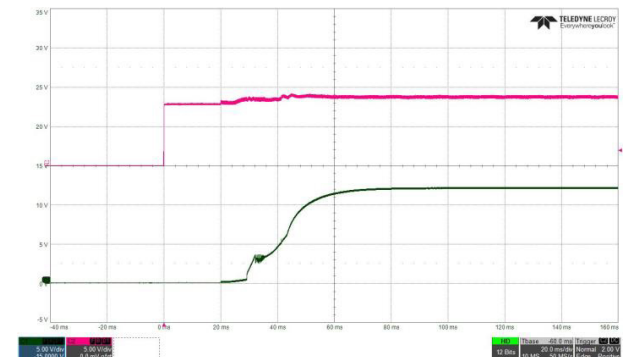
Transient Response to Dynamic Load Change (25%)



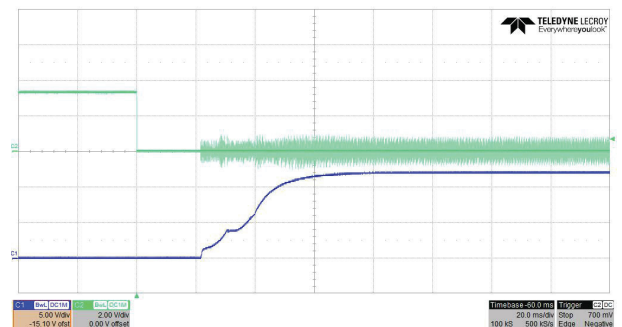
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic

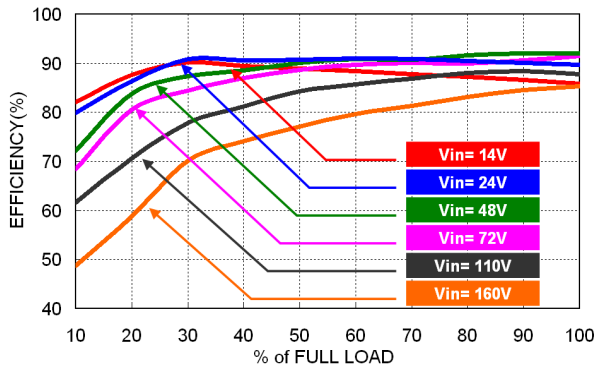


Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic

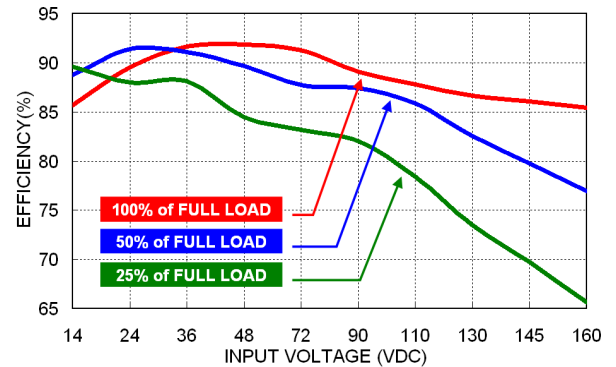


### TEP 40-7213UIR

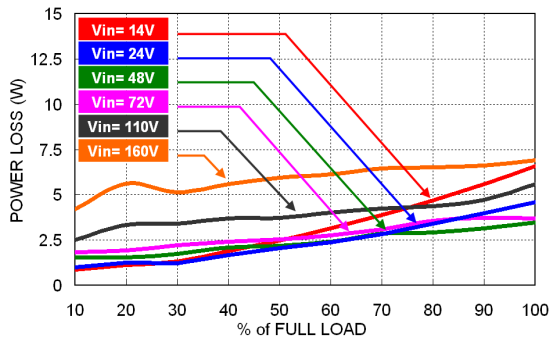
Efficiency versus Output Load



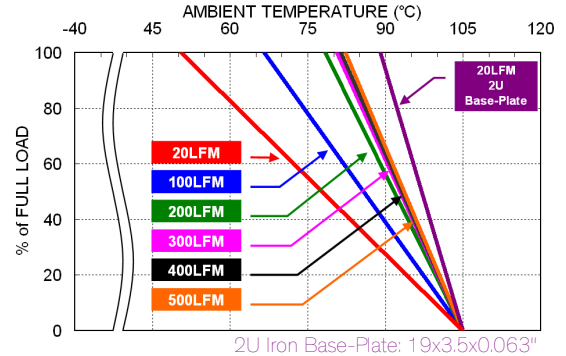
Efficiency versus Input Voltage



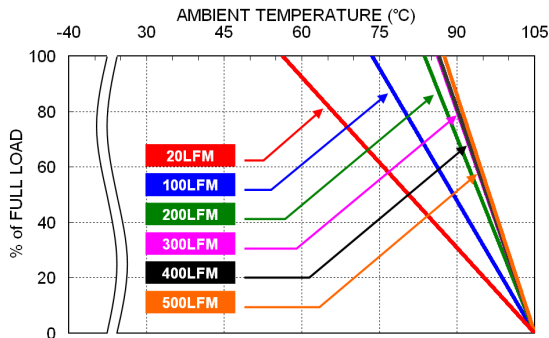
Power Dissipation versus Output Load



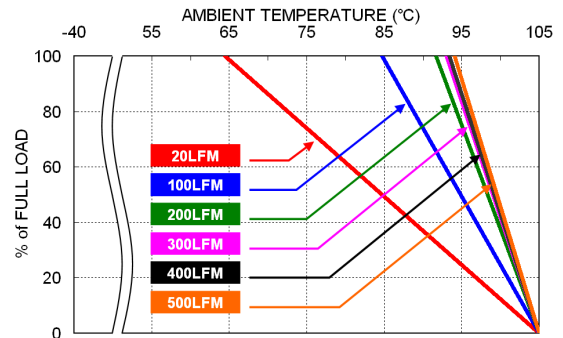
Derating Output vs Amb. Temp. at Vin = 14 VDC without Heatsink



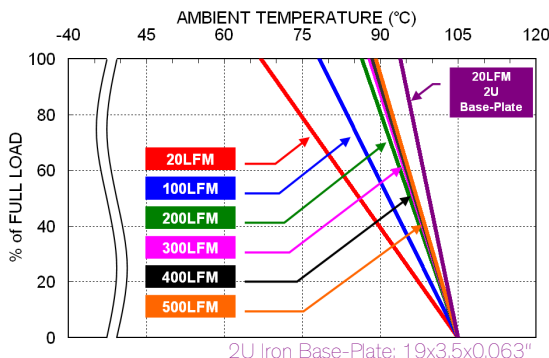
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.24" Height



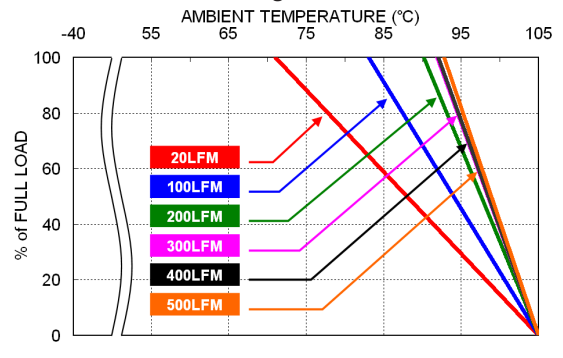
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



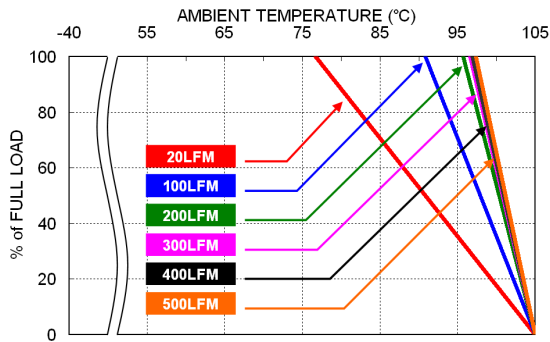
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



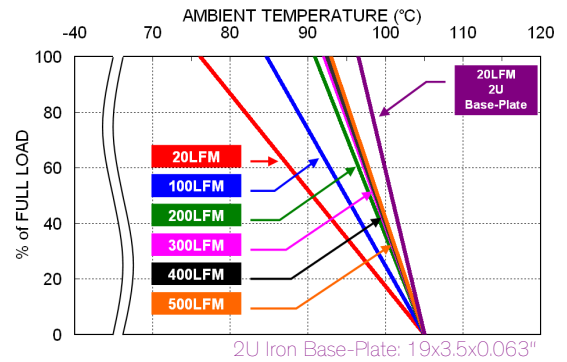
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7213UIR

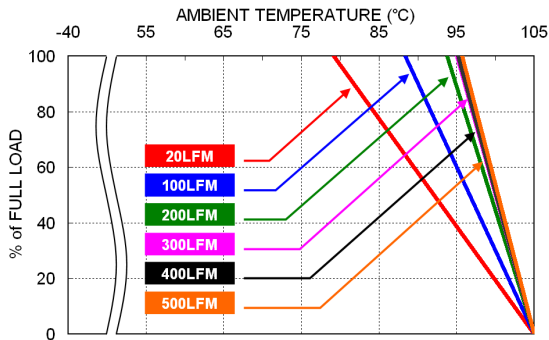
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



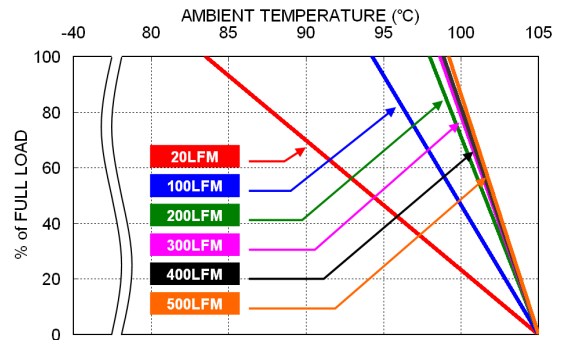
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



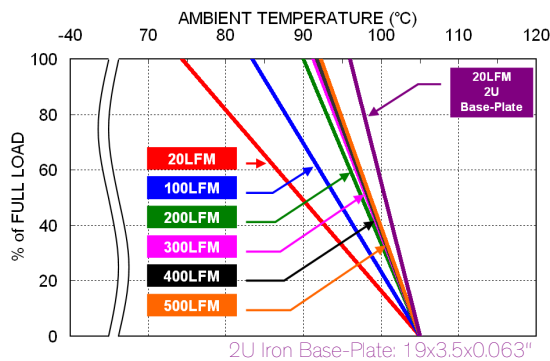
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.24" Height



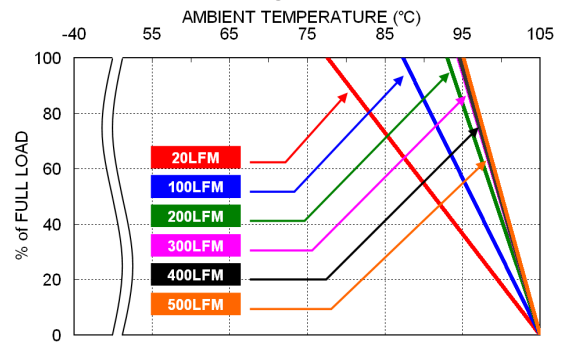
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.5" Height



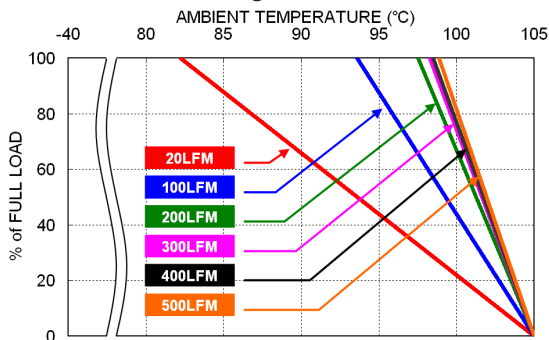
Derating Output vs Amb. Temp. at Vin = 72 VDC without Heatsink



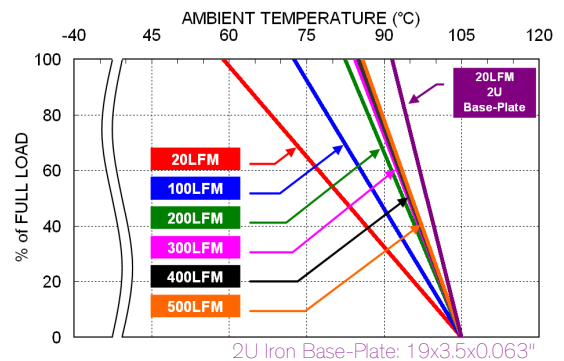
Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.5" Height



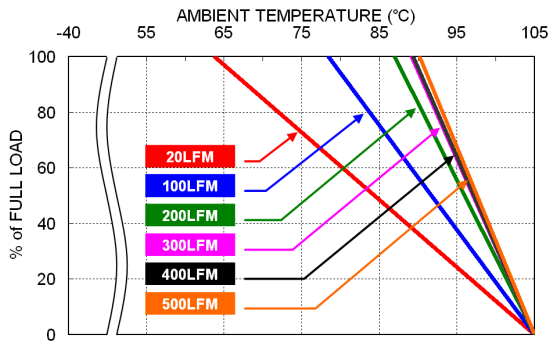
Derating Output vs Amb. Temp. at Vin = 110 VDC without Heatsink



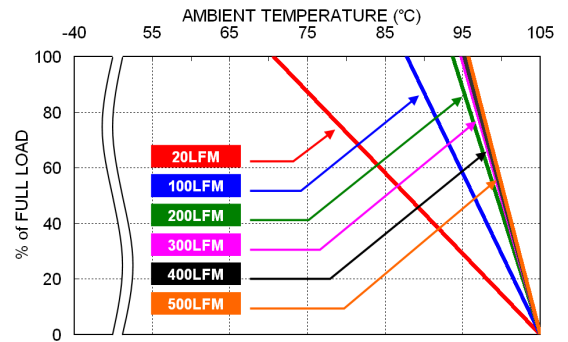
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7213UIR

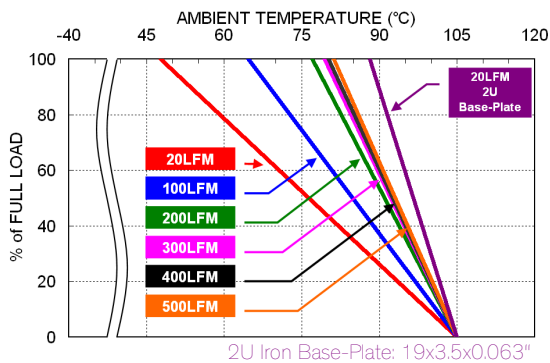
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.24" Height



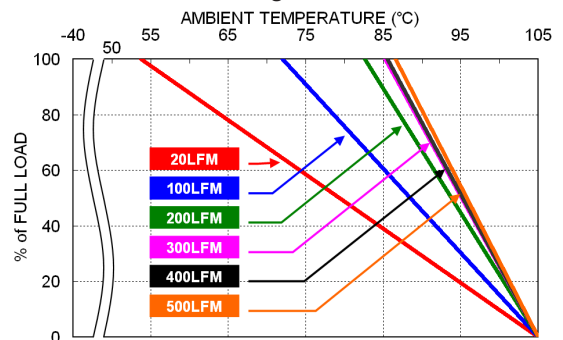
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.5" Height



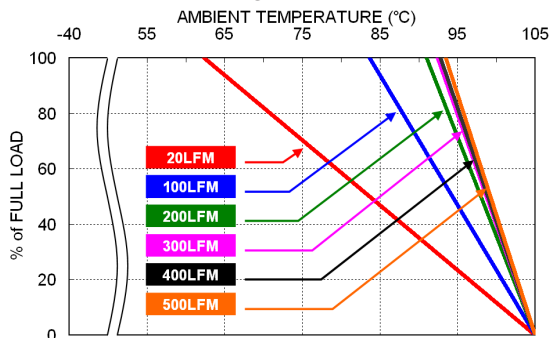
Derating Output vs Amb. Temp. at Vin = 160 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.24" Height



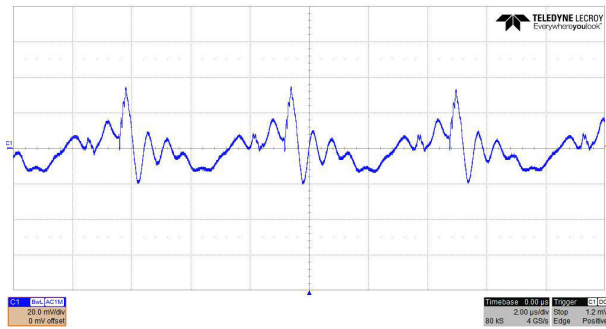
Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.5" Height



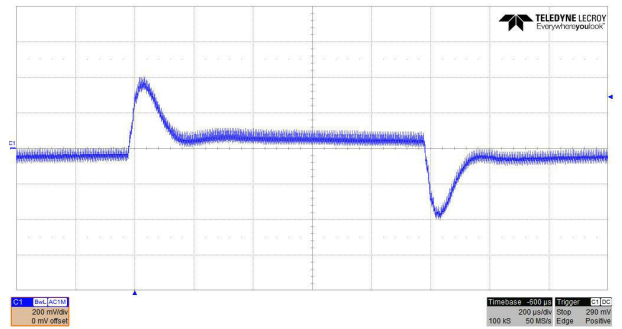
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7213UIR

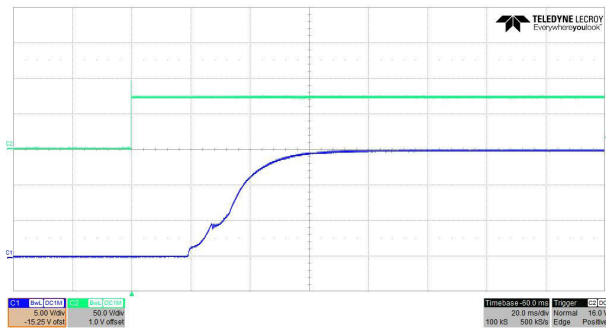
Typical Output Ripple and Noise



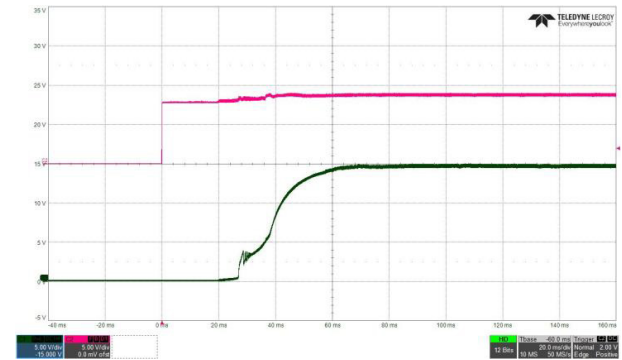
Transient Response to Dynamic Load Change (25%)



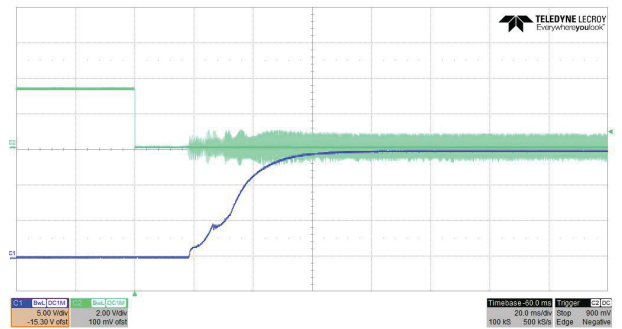
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



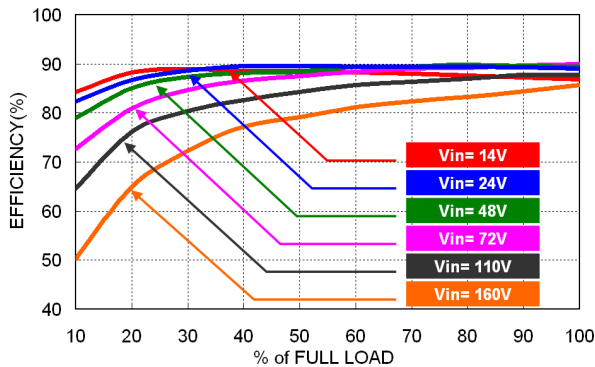
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



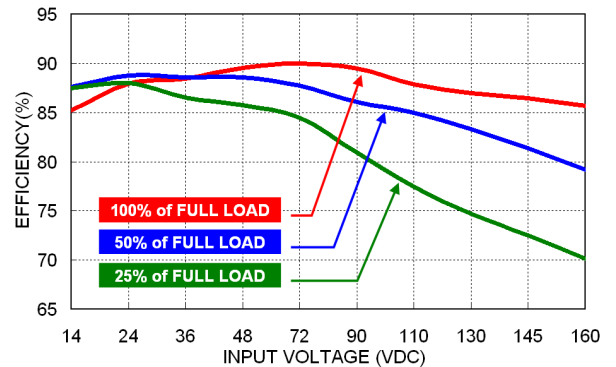


### TEP 40-7215UIR

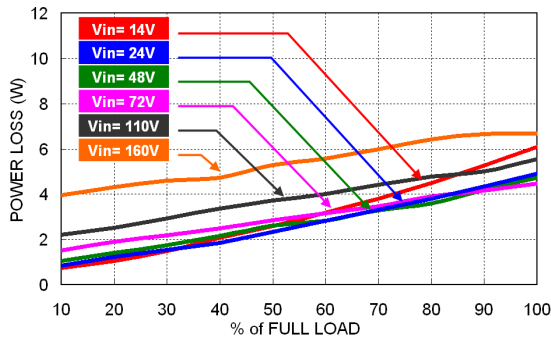
Efficiency versus Output Load



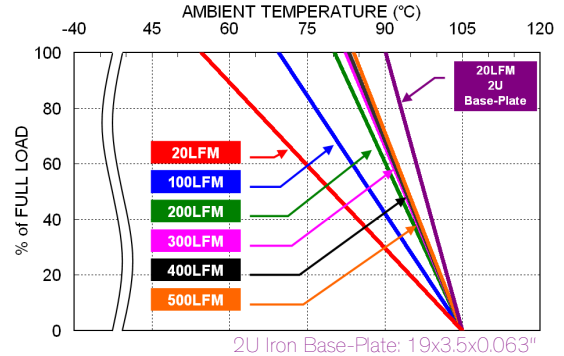
Efficiency versus Input Voltage



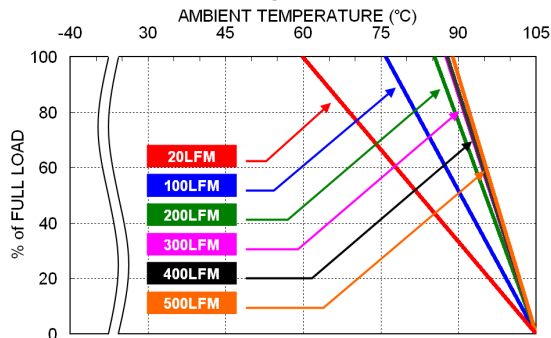
Power Dissipation versus Output Load



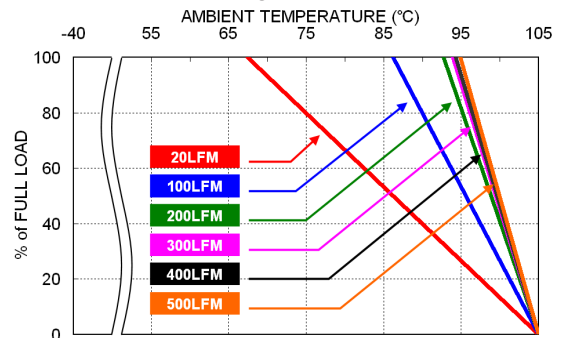
Derating Output vs Amb. Temp. at Vin = 14 VDC without Heatsink



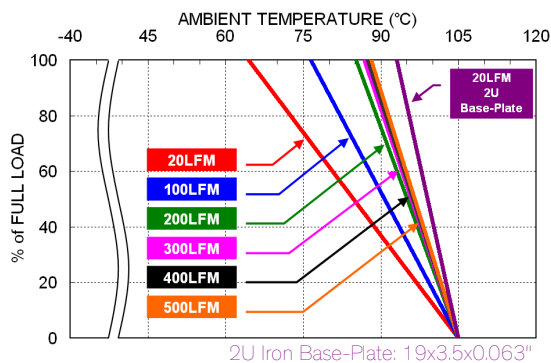
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.24" Height



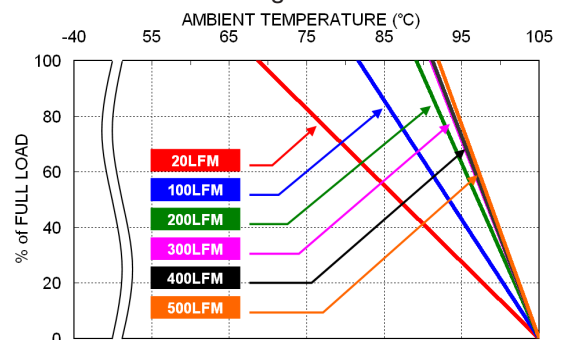
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



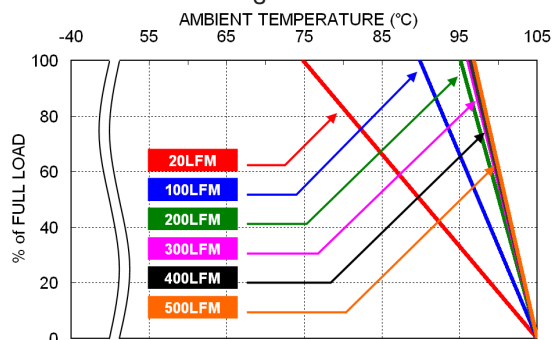
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



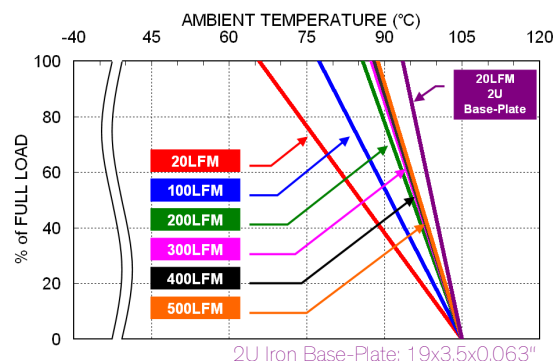
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7215UIR

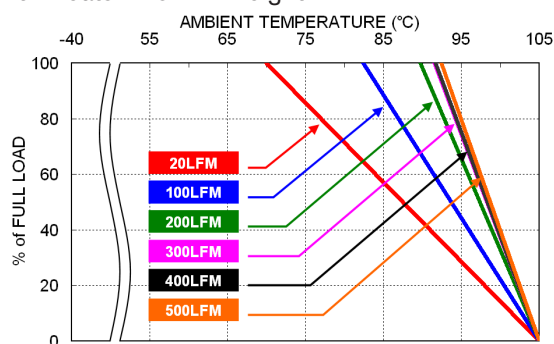
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



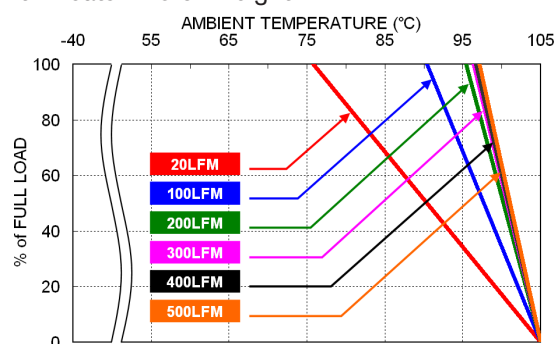
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



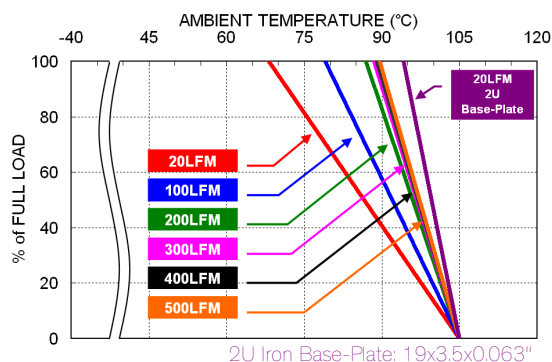
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.24" Height



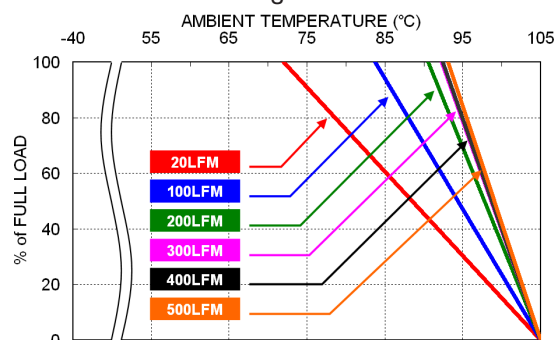
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.5" Height



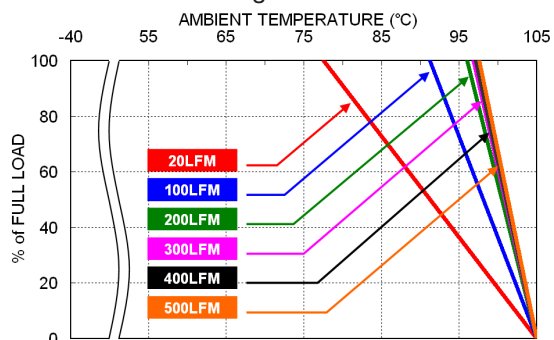
Derating Output vs Amb. Temp. at Vin = 72 VDC without Heatsink



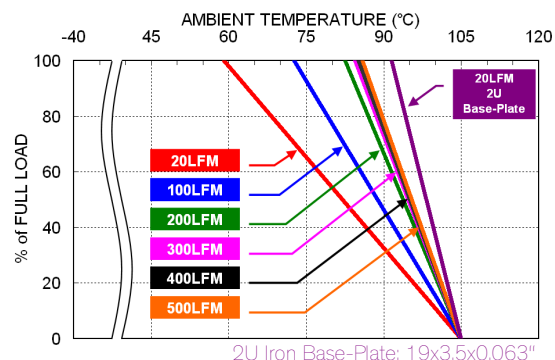
Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.5" Height



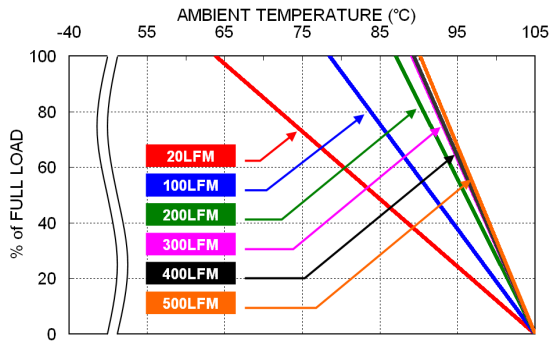
Derating Output vs Amb. Temp. at Vin = 110 VDC without Heatsink



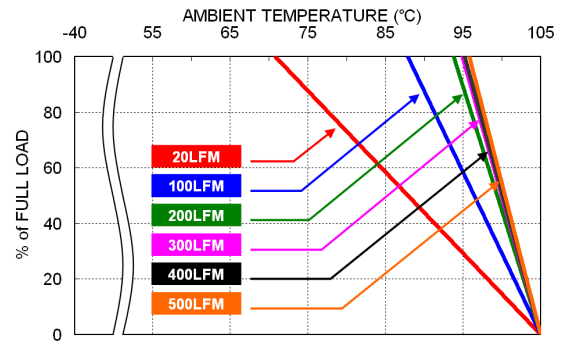
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7215UIR

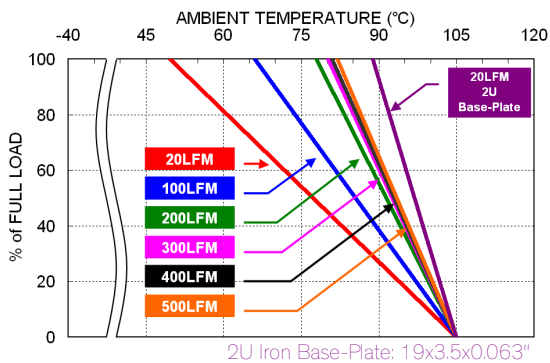
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.24" Height



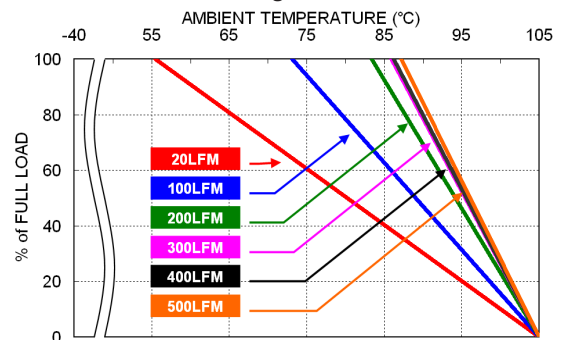
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.5" Height



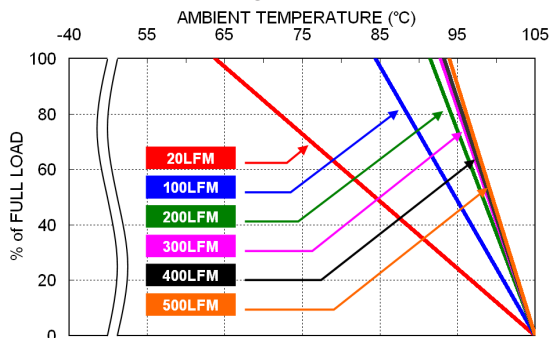
Derating Output vs Amb. Temp. at Vin = 160 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.24" Height

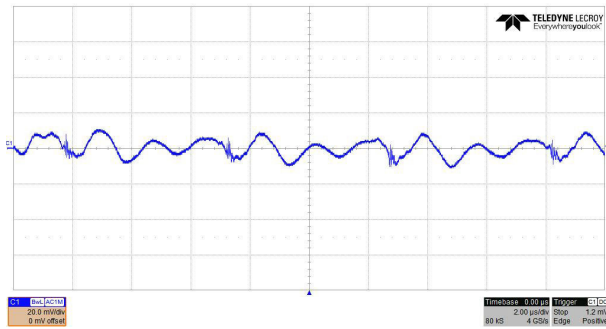


Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.5" Height

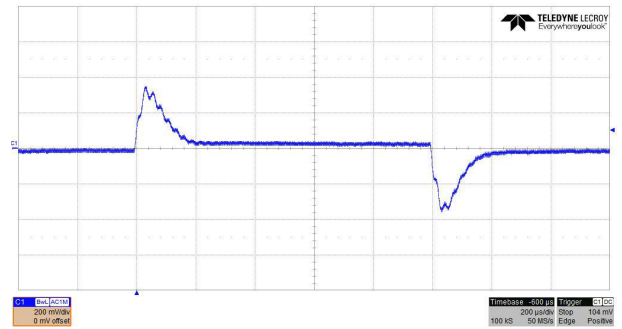


### TEP 40-7215UIR

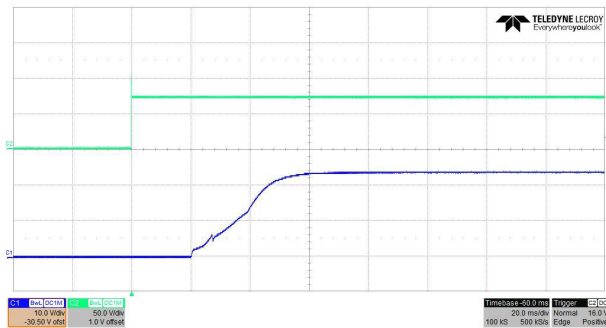
Typical Output Ripple and Noise



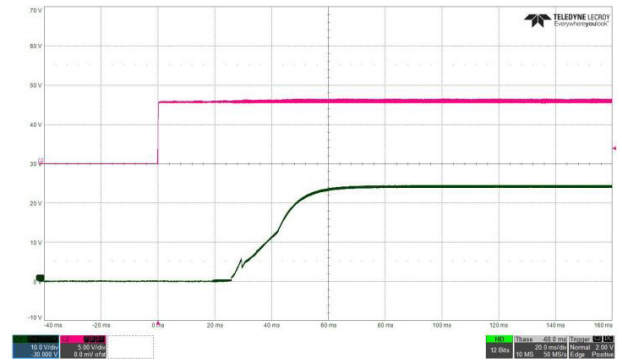
Transient Response to Dynamic Load Change (25%)



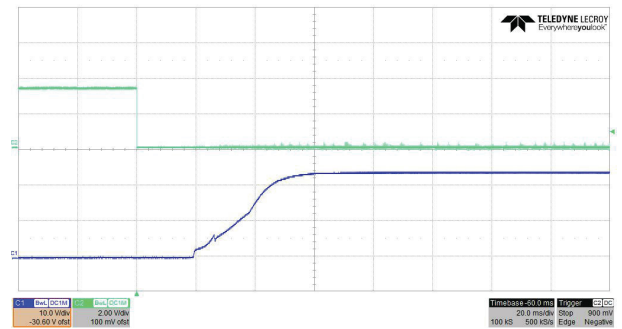
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



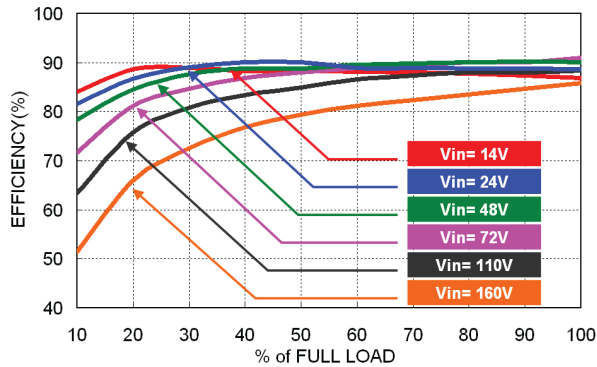
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



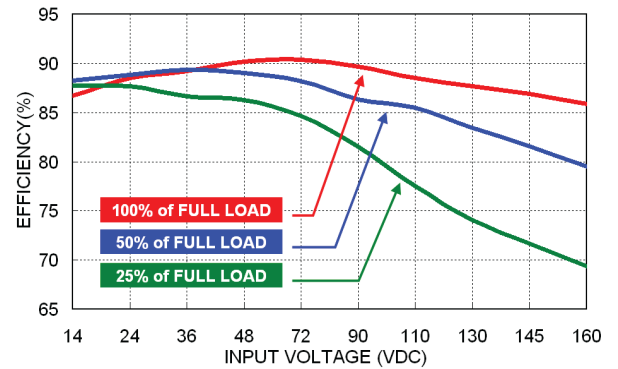
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 110 Vin and 28 Vout

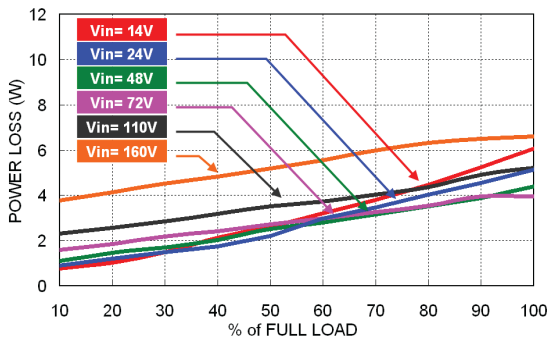
Efficiency versus Output Load



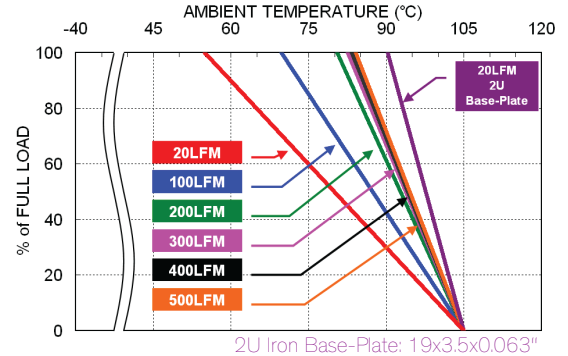
Efficiency versus Input Voltage



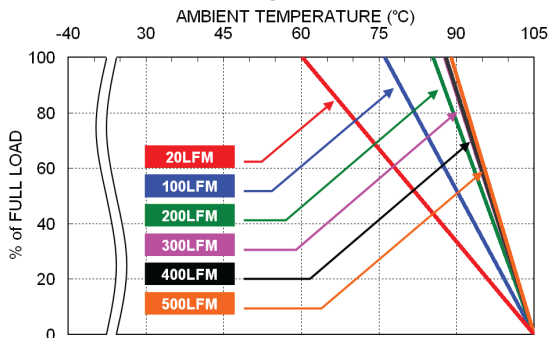
Power Dissipation versus Output Load



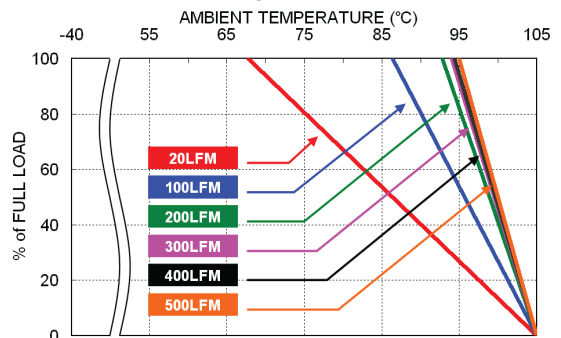
Derating Output vs Amb. Temp. at Vin = 14 VDC without Heatsink



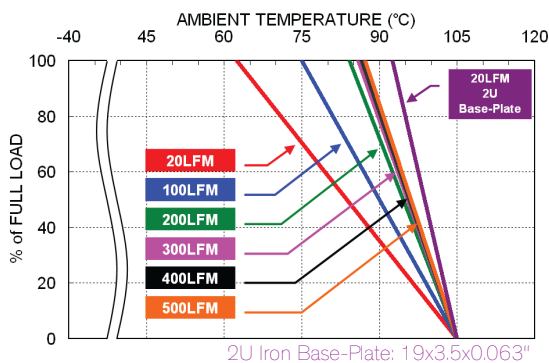
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.24" Height



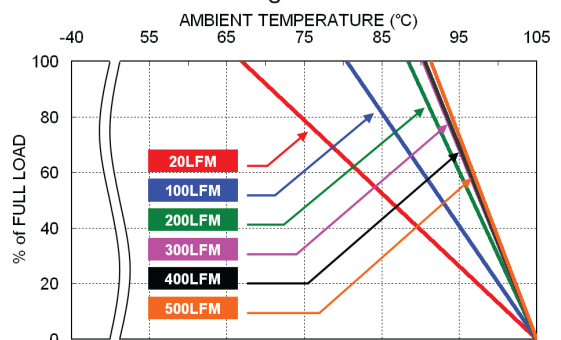
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



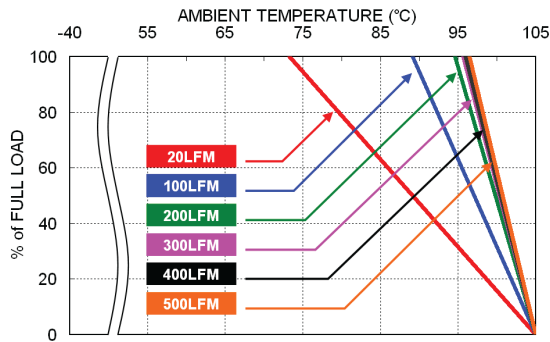
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



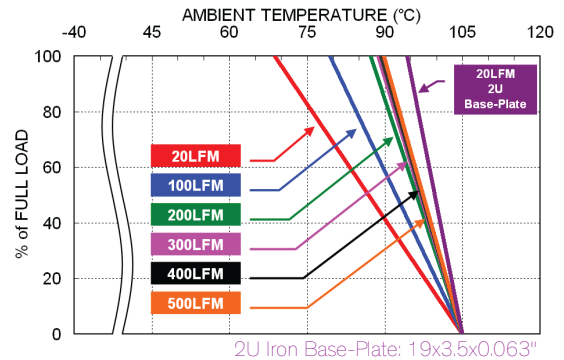
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 110 Vin and 28 Vout

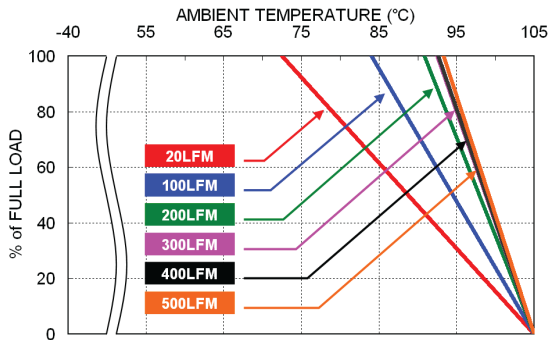
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



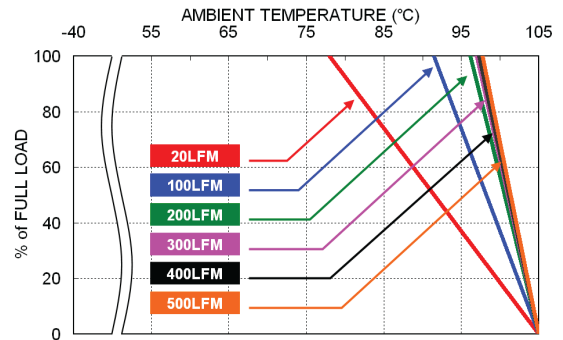
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



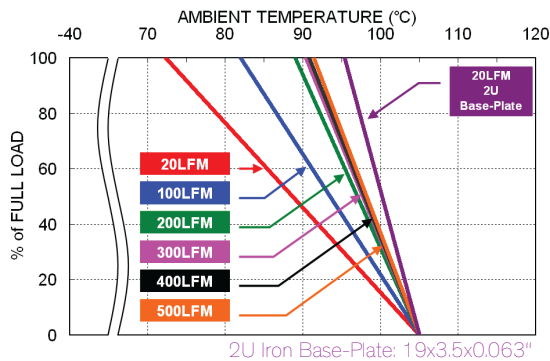
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.24" Height



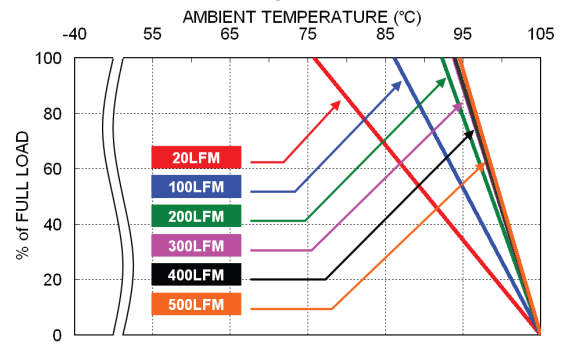
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.5" Height



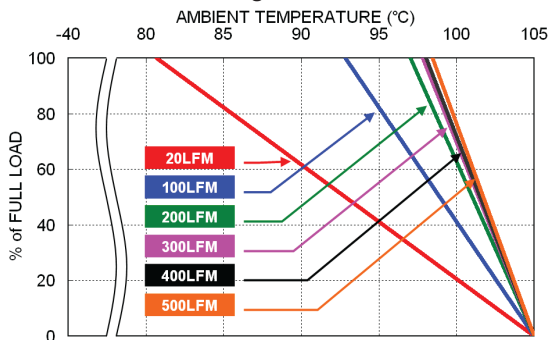
Derating Output vs Amb. Temp. at Vin = 72 VDC without Heatsink



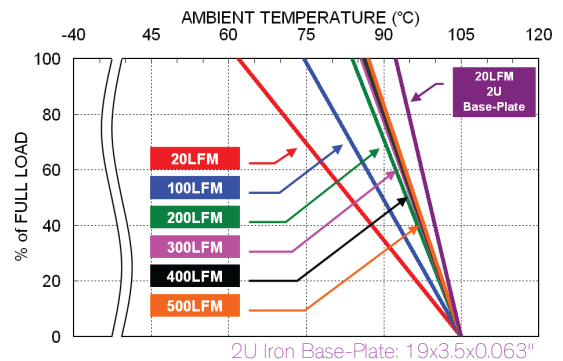
Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 110 VDC without Heatsink

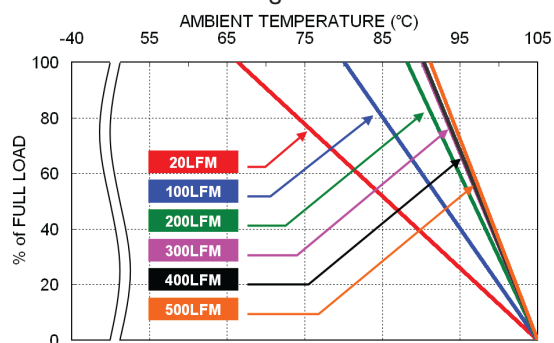


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

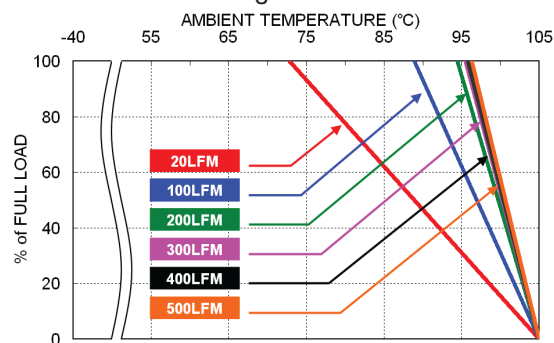


### On demand model with 110 Vin and 28 Vout

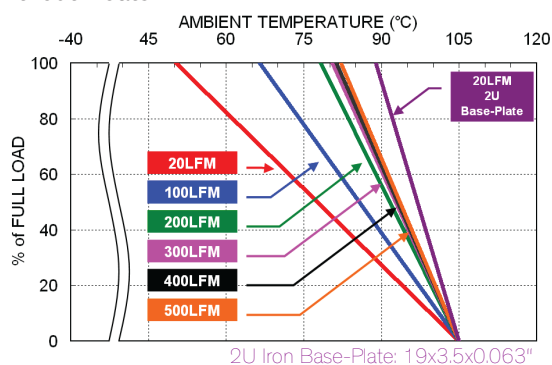
Derating Output vs Amb. Temp. at Vin = 110 VDC with Heatsink 0.24" Height



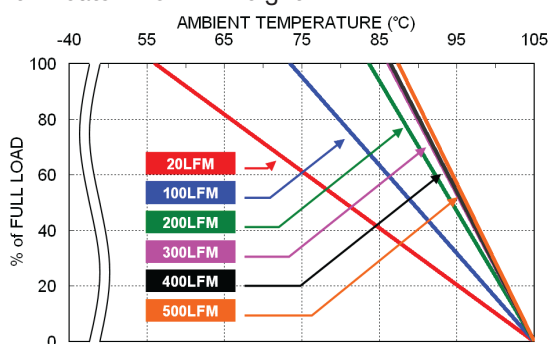
Derating Output vs Amb. Temp. at Vin = 110 VDC with Heatsink 0.5" Height



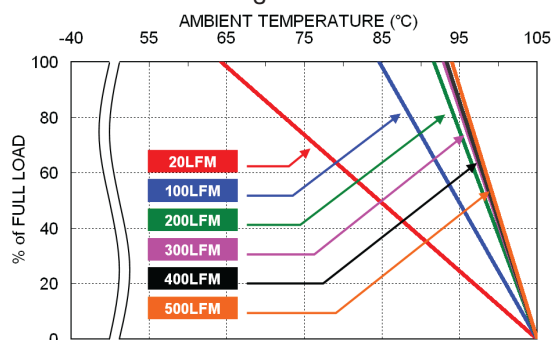
Derating Output vs Amb. Temp. at Vin = 160 VDC without Heatsink



Derating Output vs Amb. Temp. at Vin = 160 VDC with Heatsink 0.24" Height



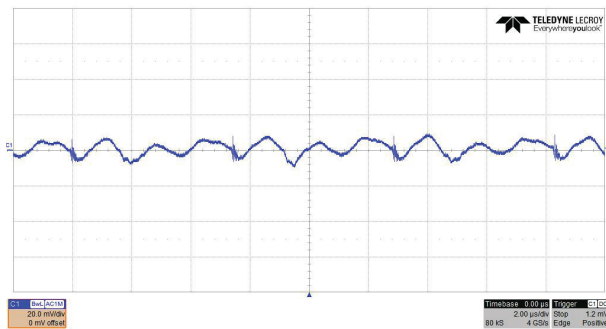
Derating Output vs Amb. Temp. at Vin = 160 VDC with Heatsink 0.5" Height



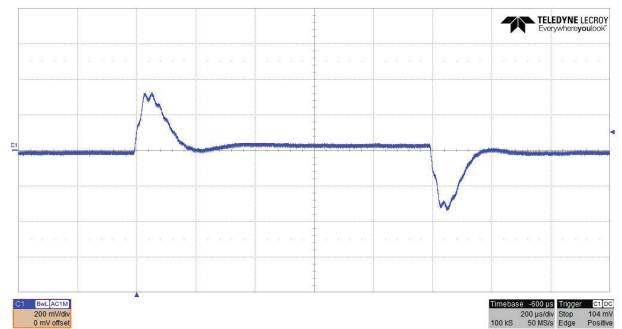
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 110 Vin and 28 Vout

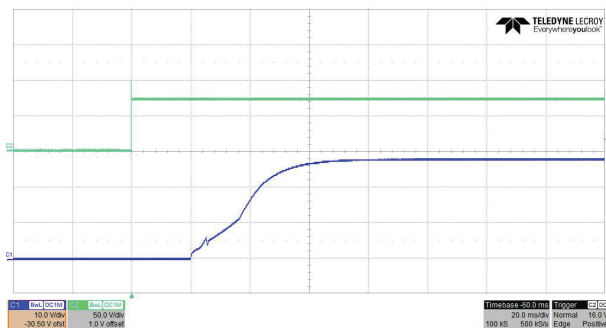
Typical Output Ripple and Noise



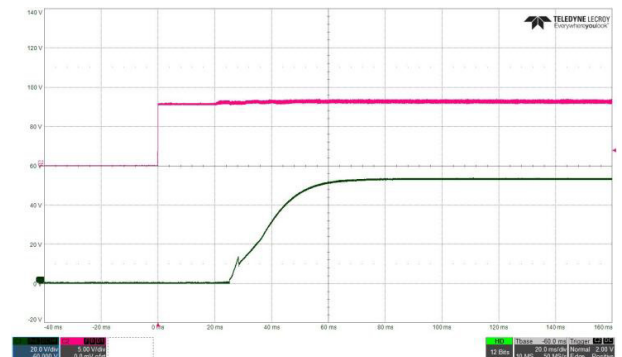
Transient Response to Dynamic Load Change (25%)



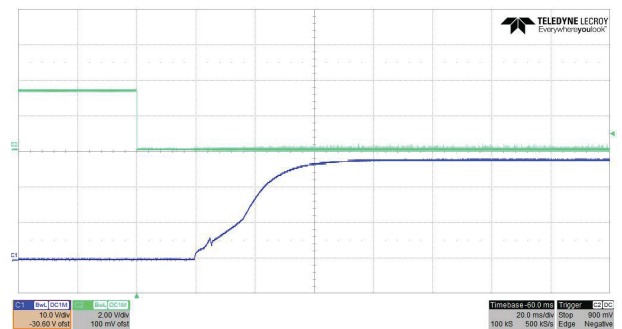
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic

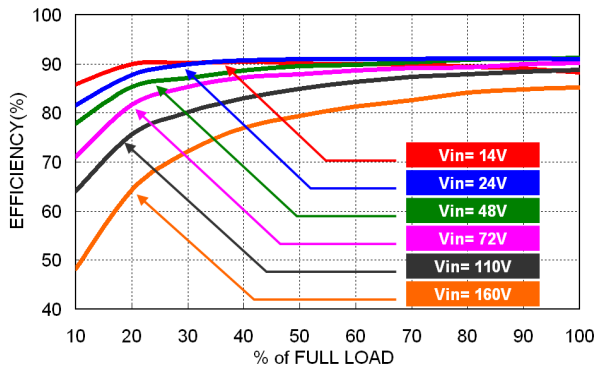


Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic

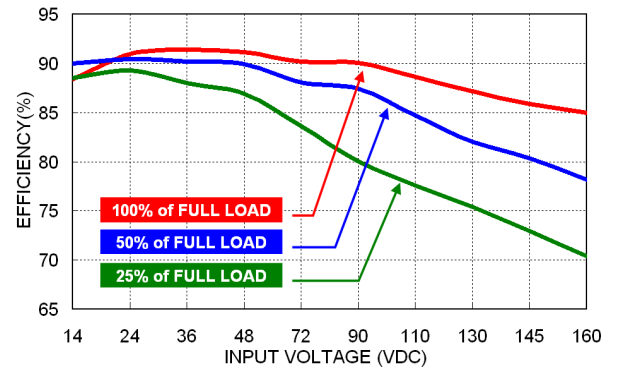


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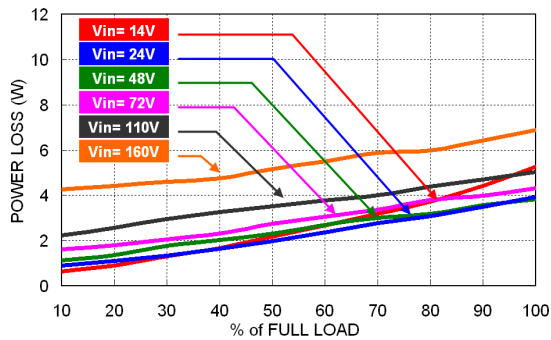
Efficiency versus Output Load



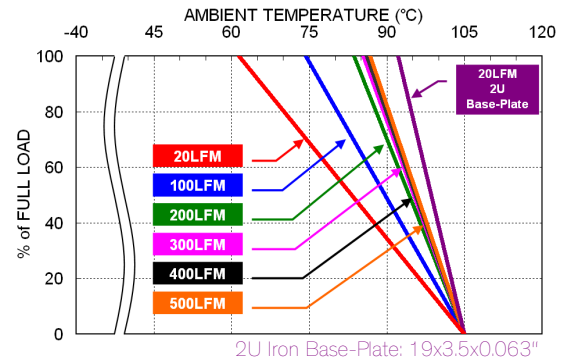
Efficiency versus Input Voltage



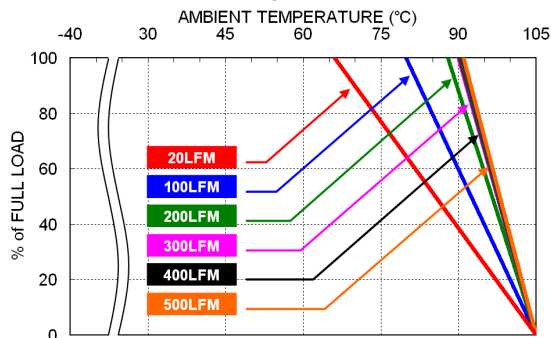
Power Dissipation versus Output Load



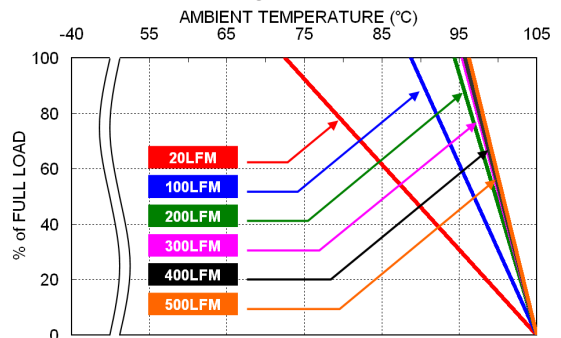
Derating Output vs Amb. Temp. at Vin = 14 VDC without Heatsink



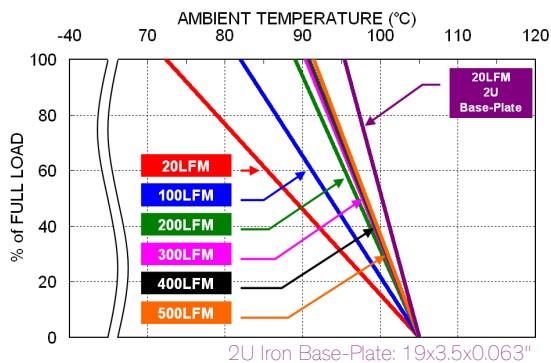
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.24" Height



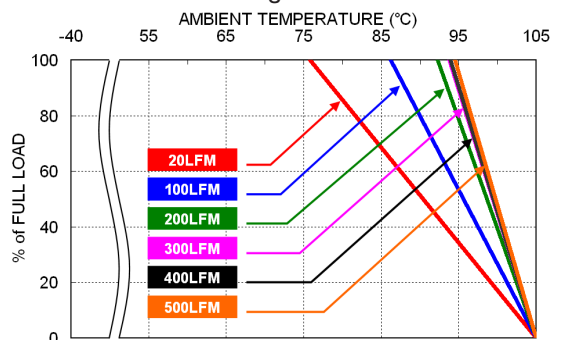
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



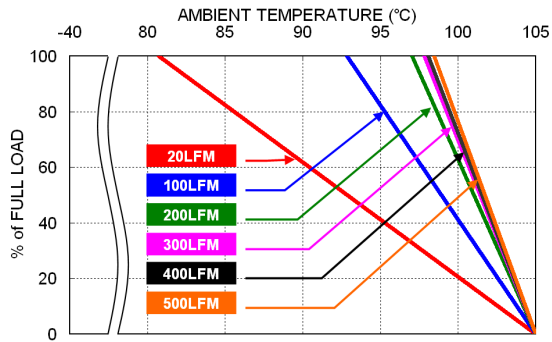
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



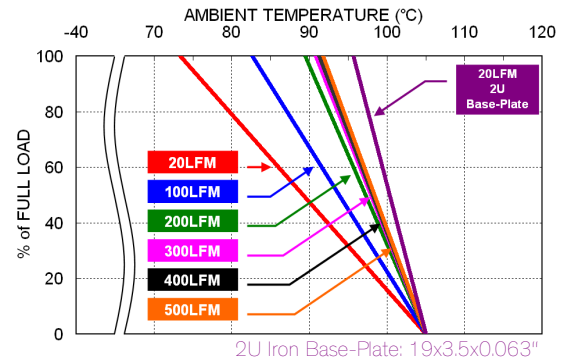
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7218UIR

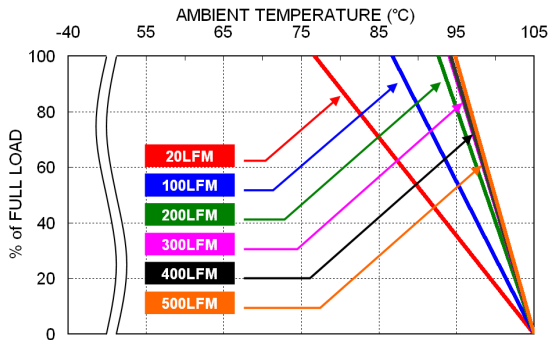
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



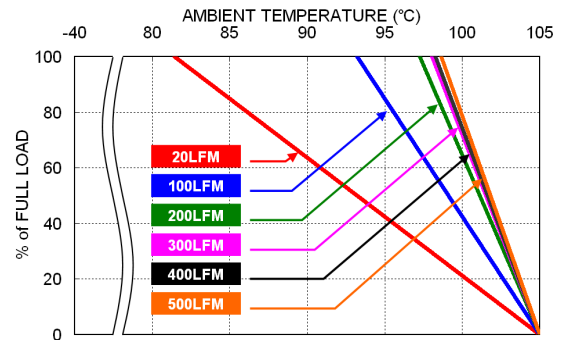
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



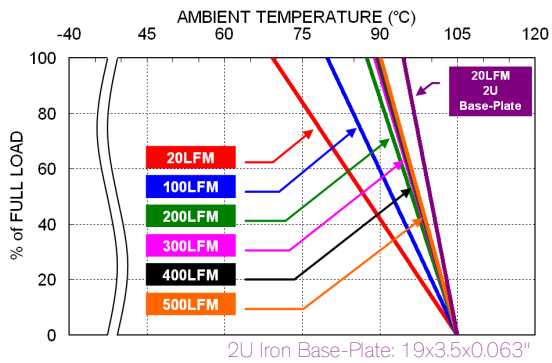
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.24" Height



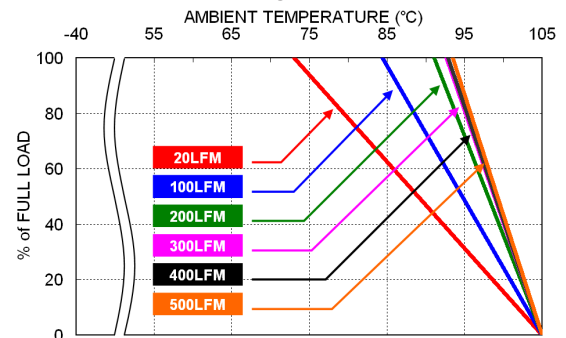
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.5" Height



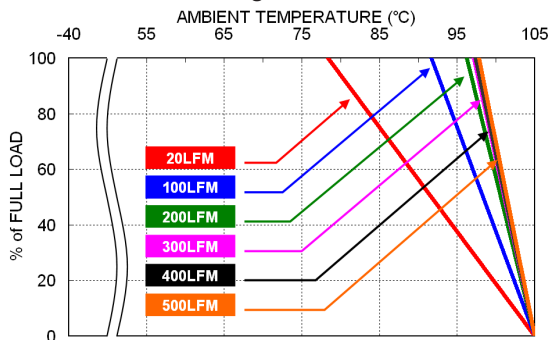
Derating Output vs Amb. Temp. at Vin = 72 VDC without Heatsink



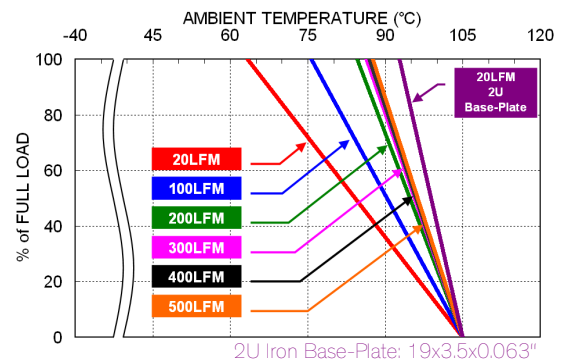
Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.5" Height



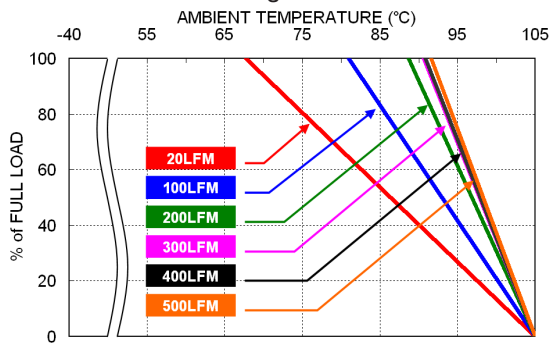
Derating Output vs Amb. Temp. at Vin = 110 VDC without Heatsink



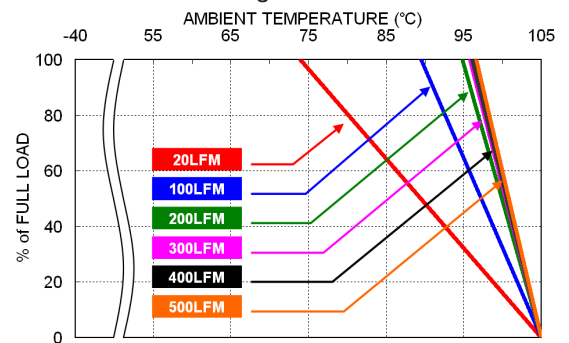
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7218UIR

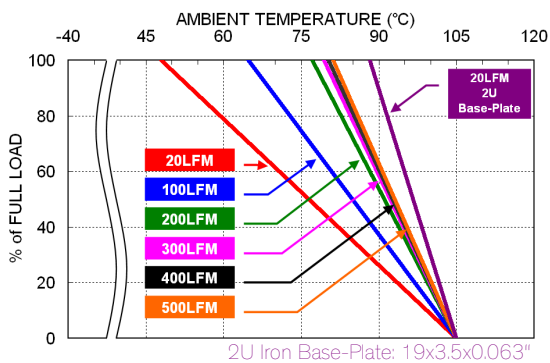
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.24" Height



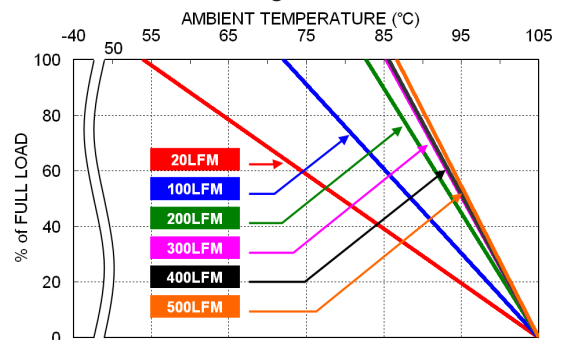
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.5" Height



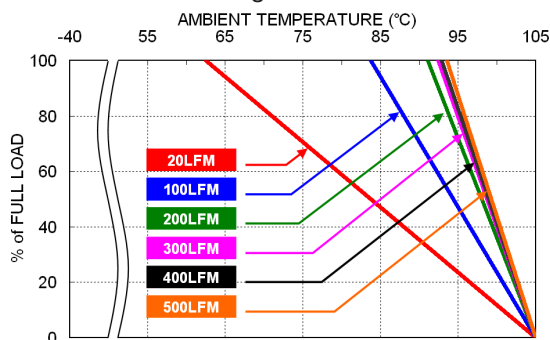
Derating Output vs Amb. Temp. at Vin = 160 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.24" Height



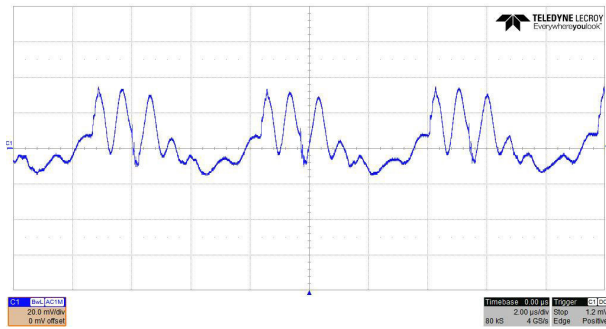
Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.5" Height



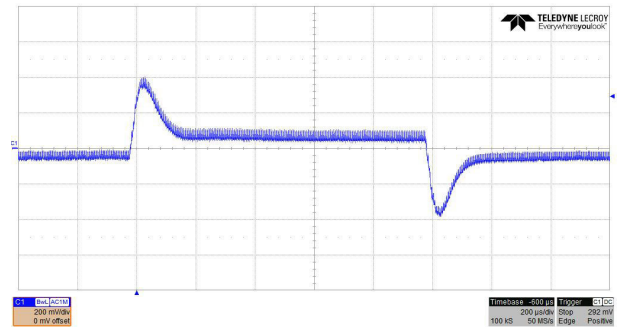
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEP 40-7218UIR

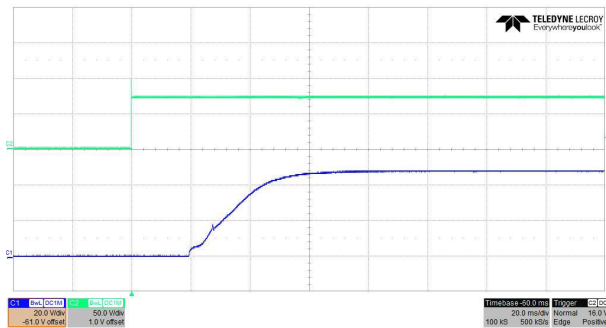
Typical Output Ripple and Noise



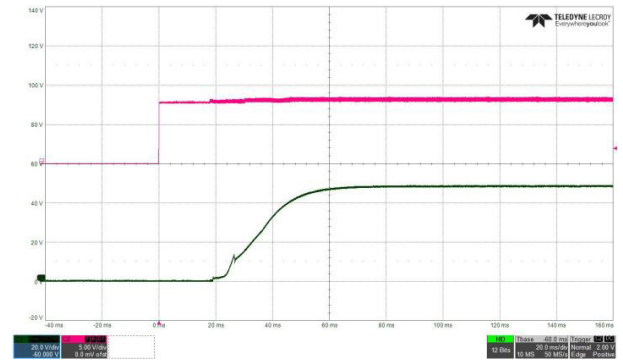
Transient Response to Dynamic Load Change (25%)



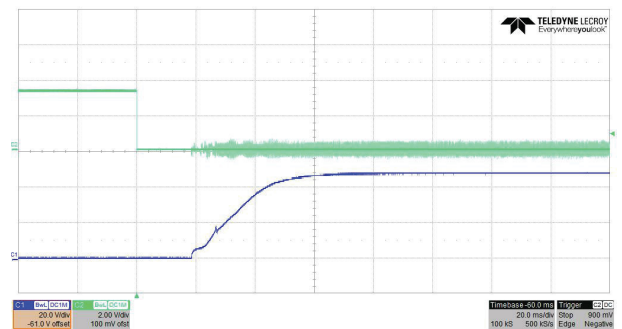
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



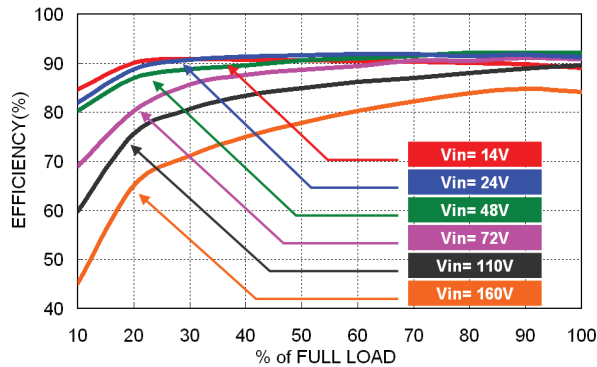
Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



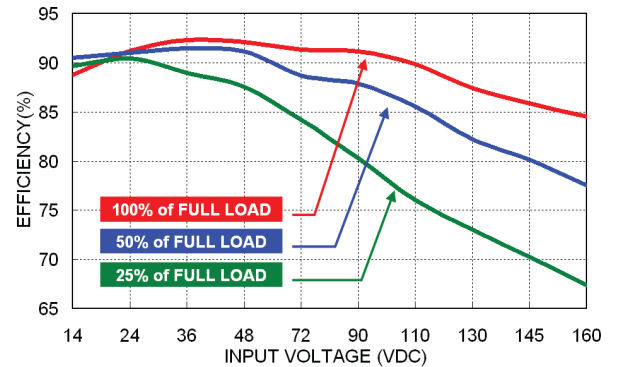


### On demand model with 110 Vin and 53 Vout

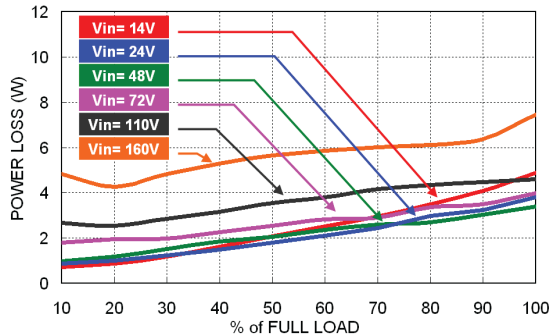
Efficiency versus Output Load



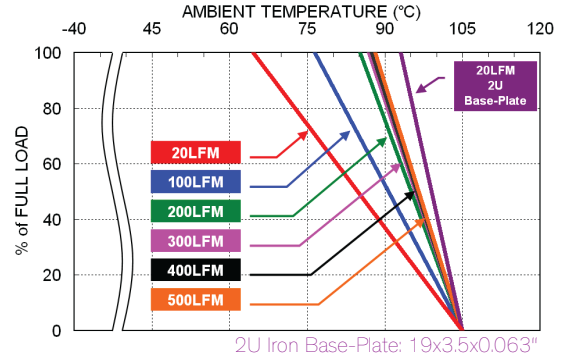
Efficiency versus Input Voltage



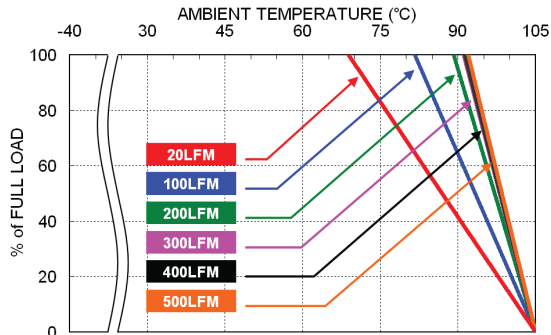
Power Dissipation versus Output Load



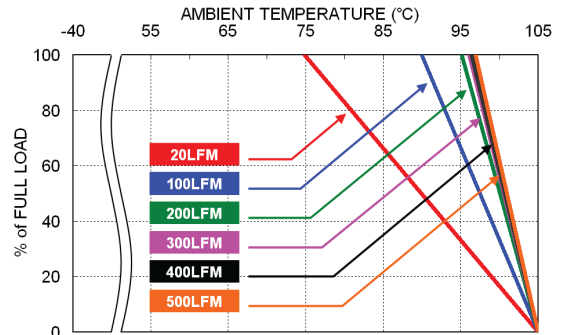
Derating Output vs Amb. Temp. at Vin = 14 VDC without Heatsink



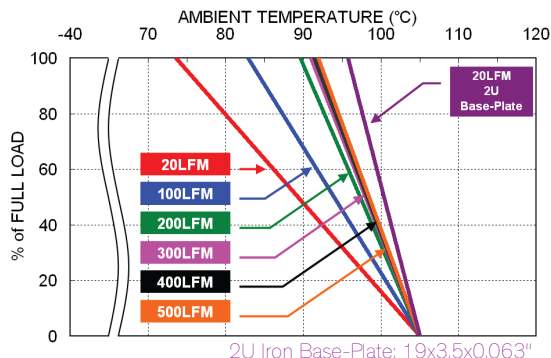
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.24" Height



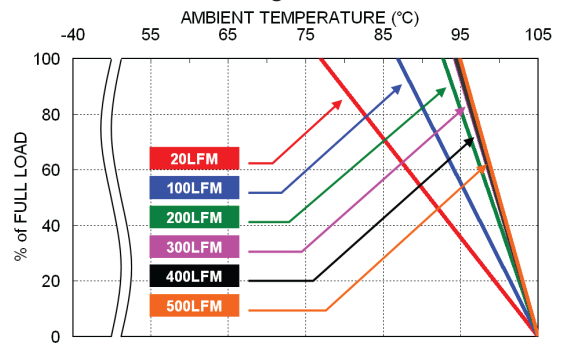
Derating Output vs Amb. Temp. at Vin = 14 VDC with Heatsink 0.5" Height



Derating Output vs Amb. Temp. at Vin = 24 VDC without Heatsink



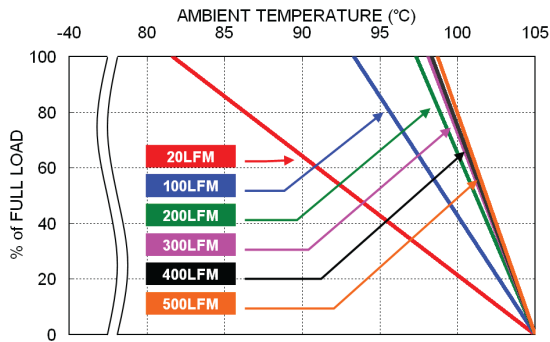
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.24" Height



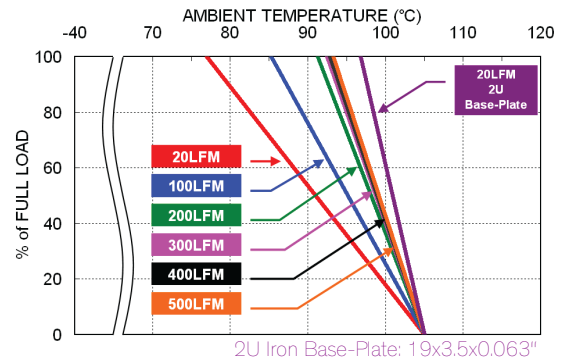
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 110 Vin and 53 Vout

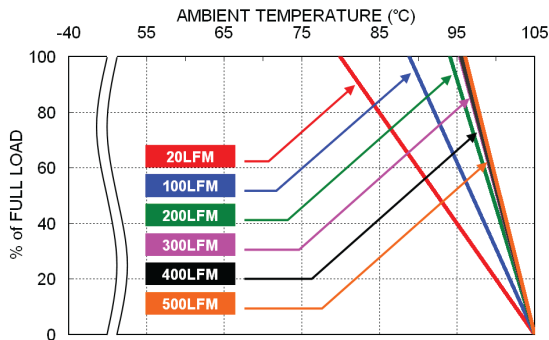
Derating Output vs Amb. Temp. at Vin = 24 VDC with Heatsink 0.5" Height



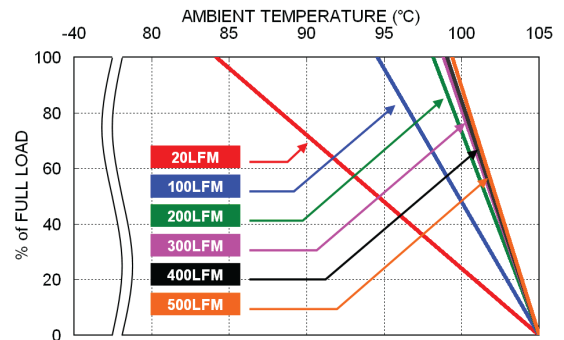
Derating Output vs Amb. Temp. at Vin = 48 VDC without Heatsink



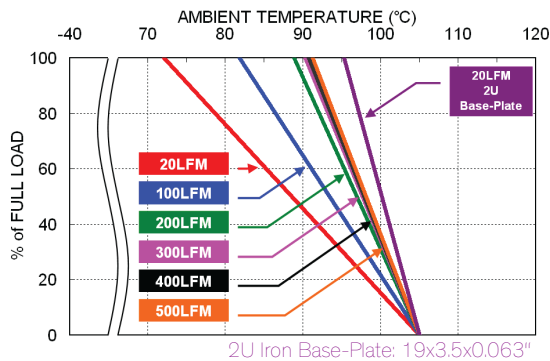
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.24" Height



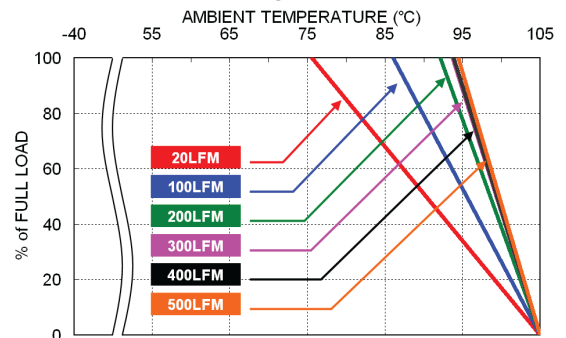
Derating Output vs Amb. Temp. at Vin = 48 VDC with Heatsink 0.5" Height



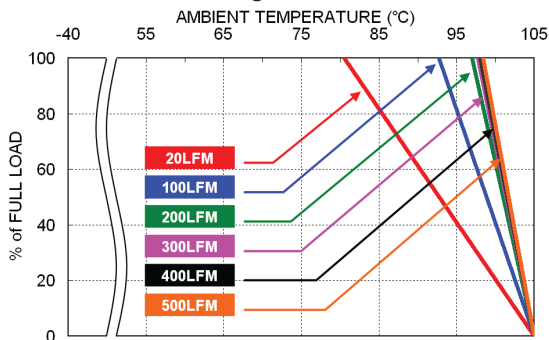
Derating Output vs Amb. Temp. at Vin = 72 VDC without Heatsink



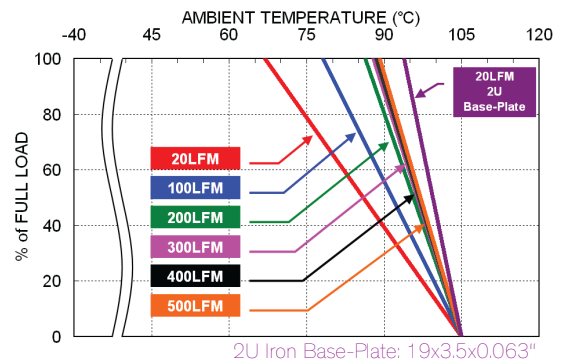
Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.24" Height



Derating Output vs Amb. Temp. at Vin = 72 VDC with Heatsink 0.5" Height



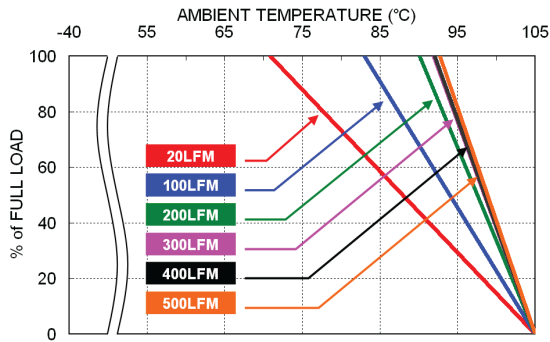
Derating Output vs Amb. Temp. at Vin = 110 VDC without Heatsink



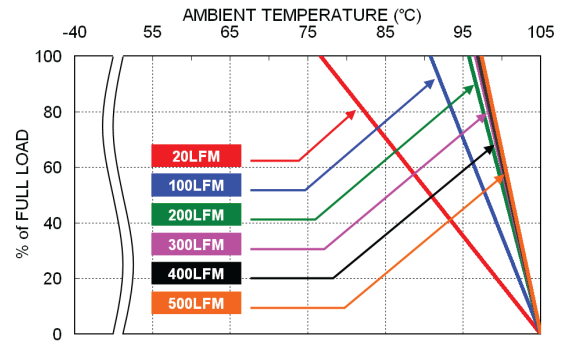
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 110 Vin and 53 Vout

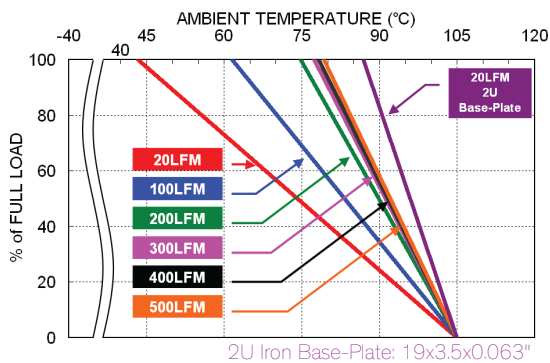
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.24" Height



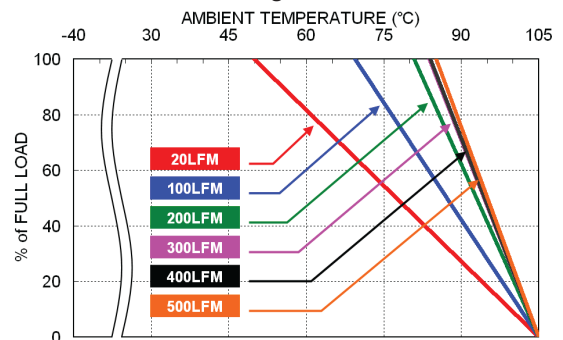
Derating Output vs Amb. Temp. at Vin = 110 VDC  
with Heatsink 0.5" Height



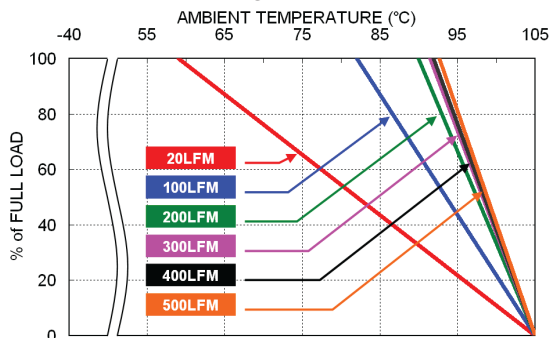
Derating Output vs Amb. Temp. at Vin = 160 VDC  
without Heatsink



Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.24" Height



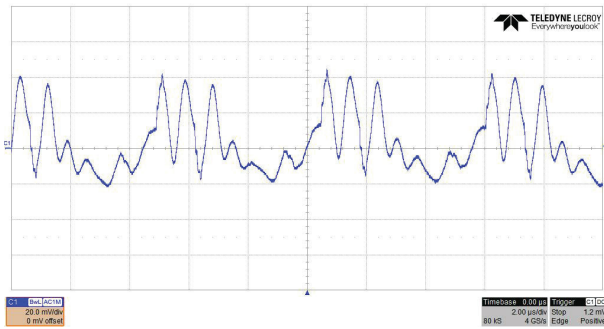
Derating Output vs Amb. Temp. at Vin = 160 VDC  
with Heatsink 0.5" Height



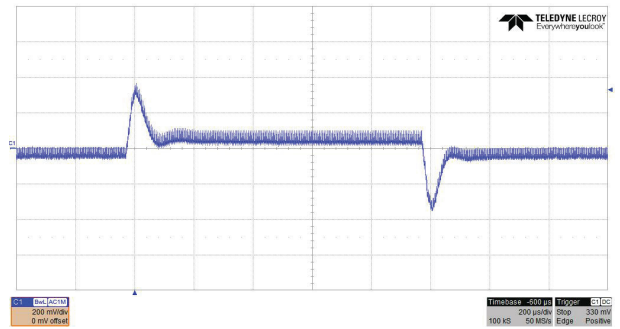
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### On demand model with 110 Vin and 53 Vout

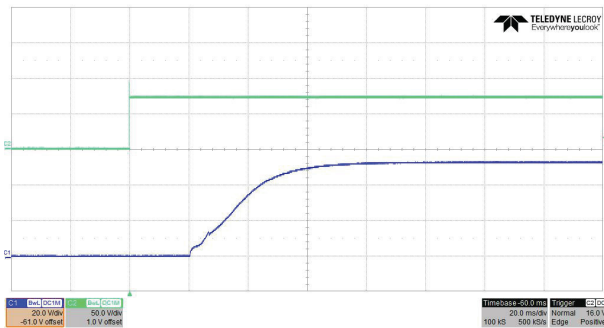
Typical Output Ripple and Noise



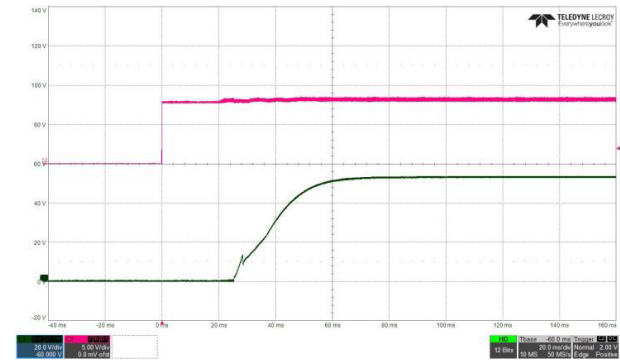
Transient Response to Dynamic Load Change (25%)



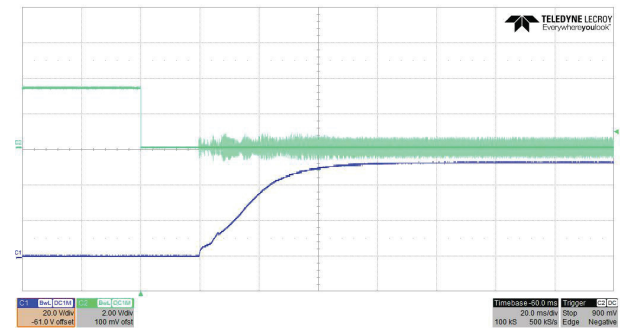
Typical Start-Up and Output Rise Characteristic



Remote on/off Voltage Start-Up Characteristic



Remote on/off Voltage Start-Up Characteristic  
On demand model with inverse logic



All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.