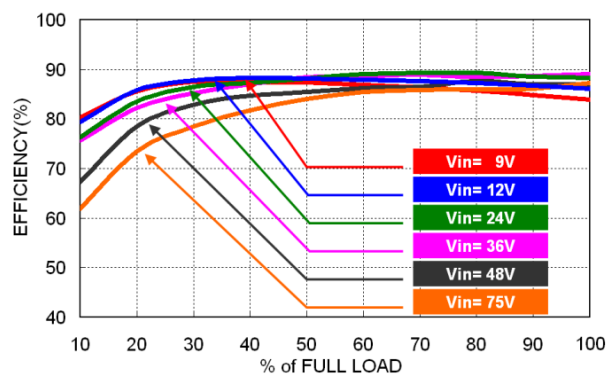


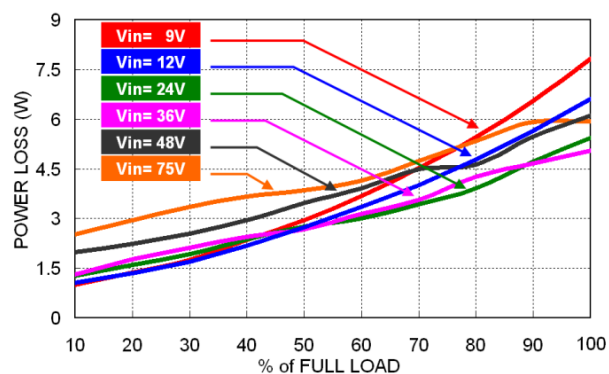
Characteristic Curves

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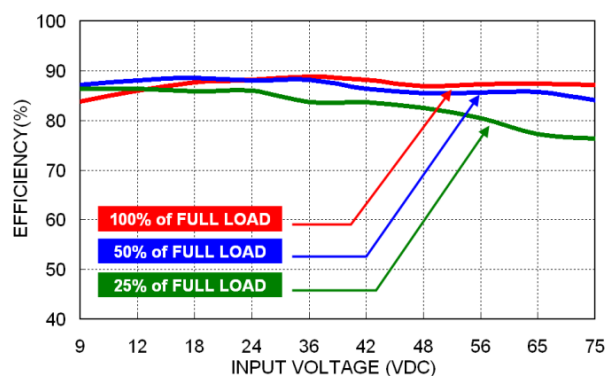
Efficiency versus Output Load



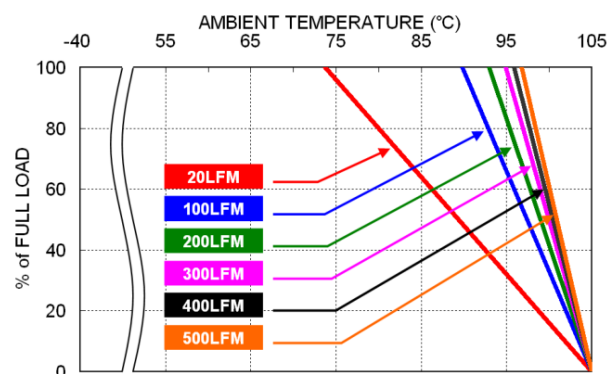
Power Dissipation versus Output Load



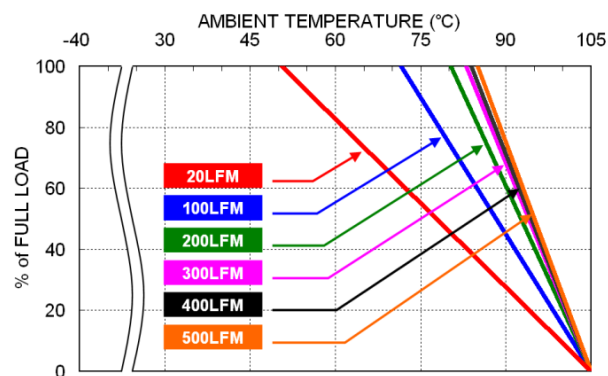
Efficiency versus Input Voltage



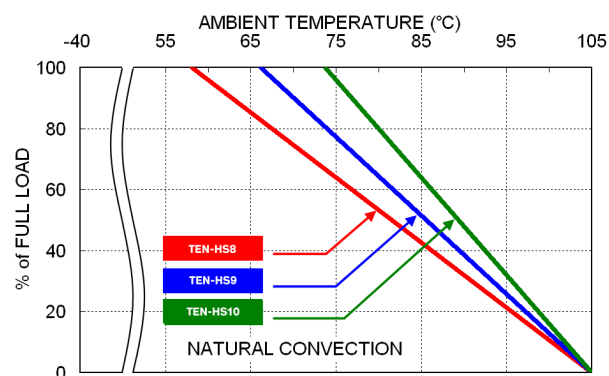
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)

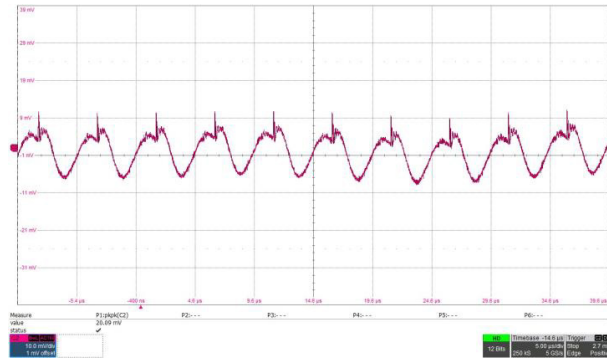


Derating Output Load versus Ambient Temperature with optional Heatsinks



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

Typical Output Ripple and Noise
(with external capacitor; see datasheet)



The image shows an oscilloscope display of a signal. The vertical axis (Y-axis) is labeled in mV, ranging from -300 to 200. The horizontal axis (X-axis) is labeled in ns, ranging from -250 to 1.500. The signal is a sharp positive peak reaching approximately 150 mV at around -100 ns, followed by a sharp negative peak reaching approximately -250 mV at around 1.000 ns. The signal returns to a baseline of 0 mV between the peaks. A legend at the bottom left shows 'F1: mag(2)' and 'F2: ...'. A status bar at the bottom right shows '12 dB', '200 ns', '500 mV', and '100 ms'.

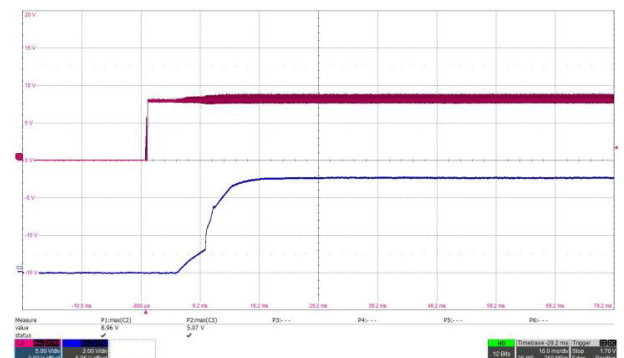
Measure
view
Scale
0.00 V
2.00 V

P1: max(C2)
7.8 V

P2: max(C3)
5.00 V

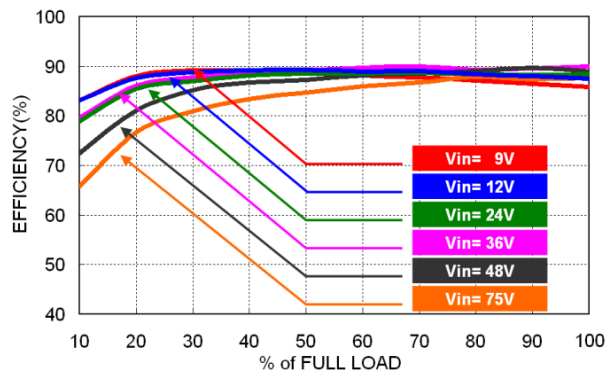
P3: ...
P4: ...
P5: ...
P6: ...

Timebase: 10.0 ns/div
Trigger: Auto

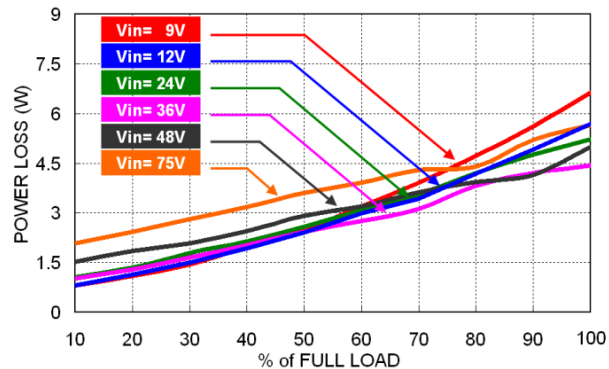


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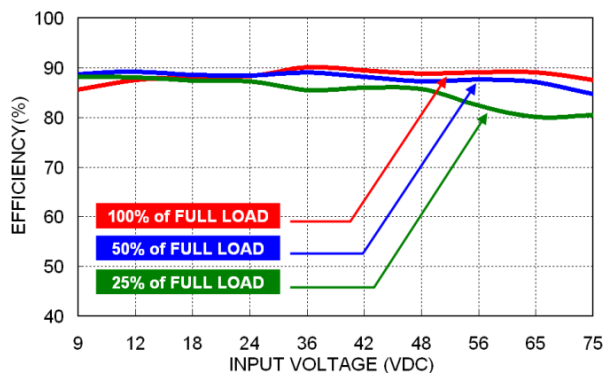
Efficiency versus Output Load



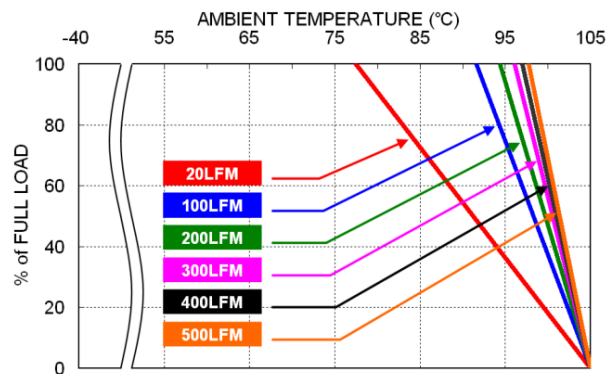
Power Dissipation versus Output Load



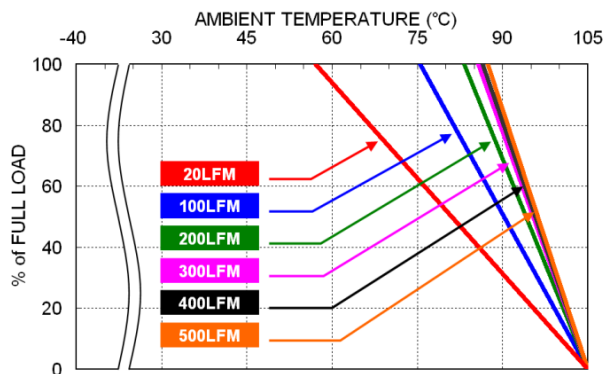
Efficiency versus Input Voltage



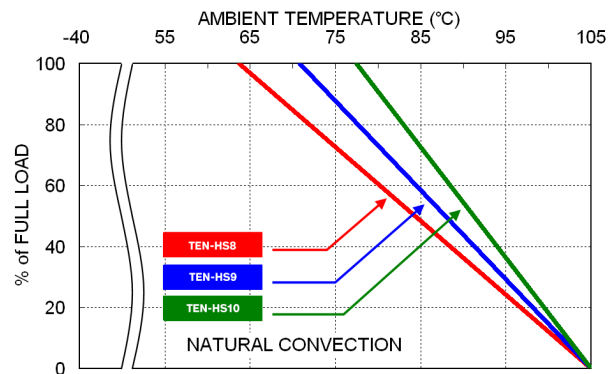
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



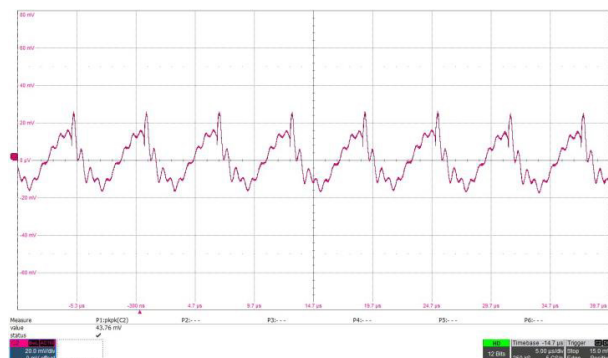
Derating Output Load versus Ambient Temperature with optional Heatsinks



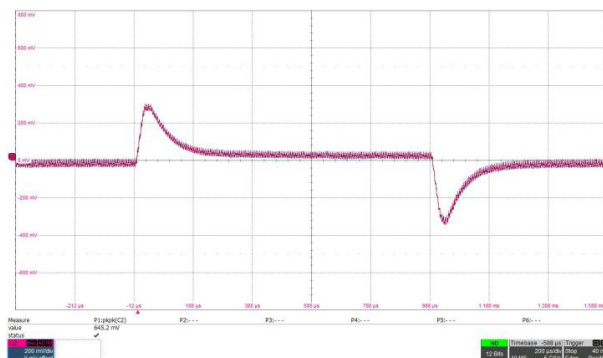
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

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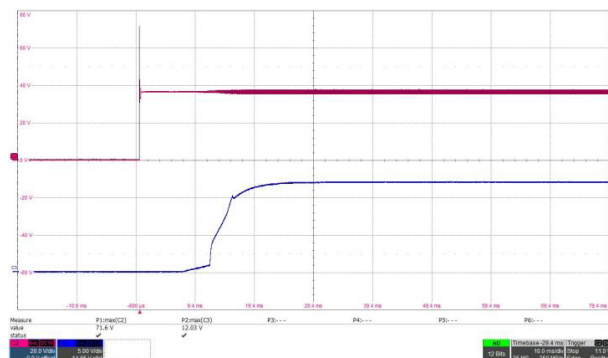
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



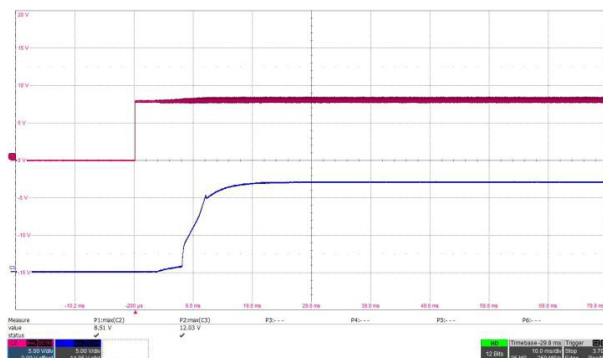
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

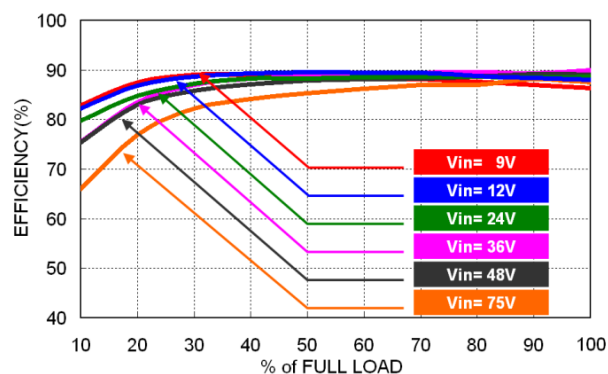


Remote On/Off Voltage Start-Up Characteristic

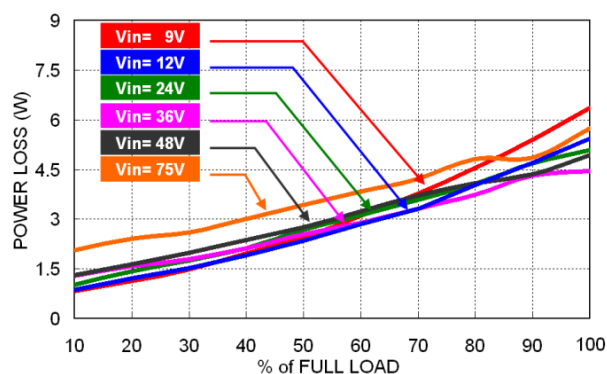


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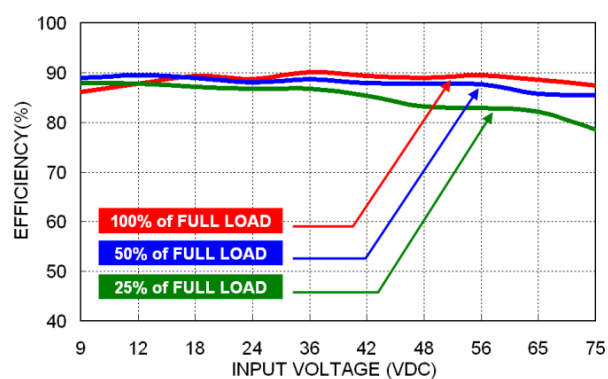
Efficiency versus Output Load



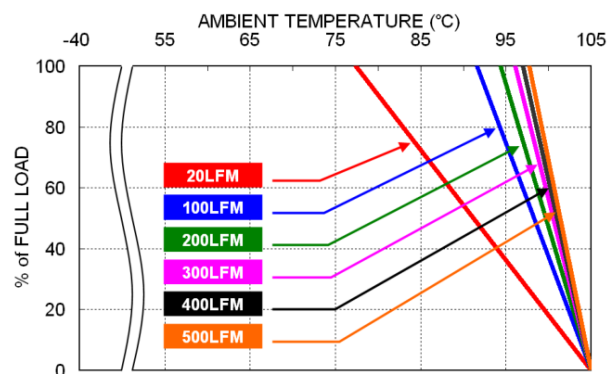
Power Dissipation versus Output Load



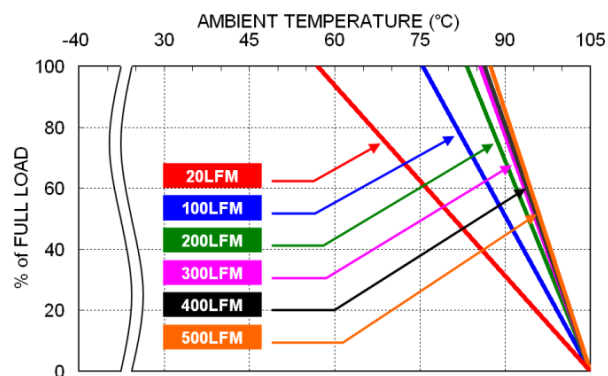
Efficiency versus Input Voltage



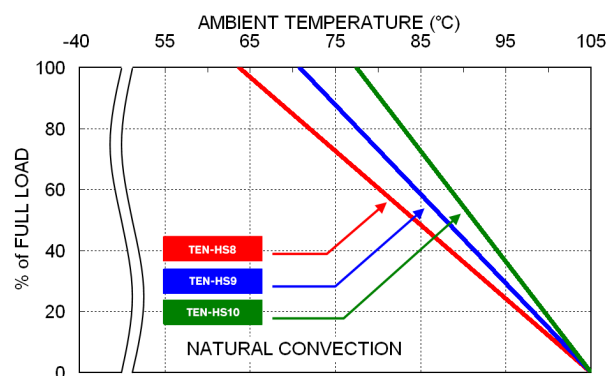
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



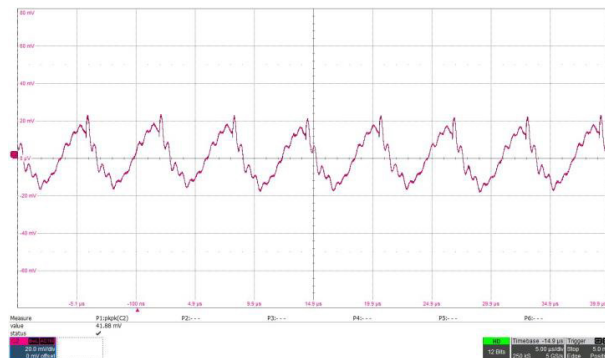
Derating Output Load versus Ambient Temperature with optional Heatsinks



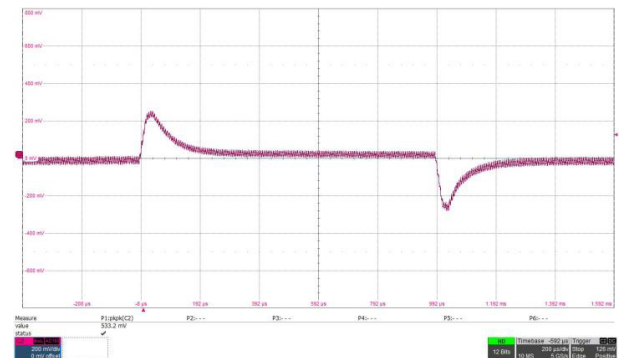
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

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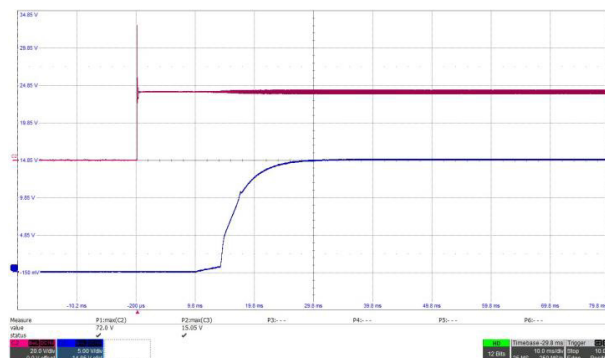
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

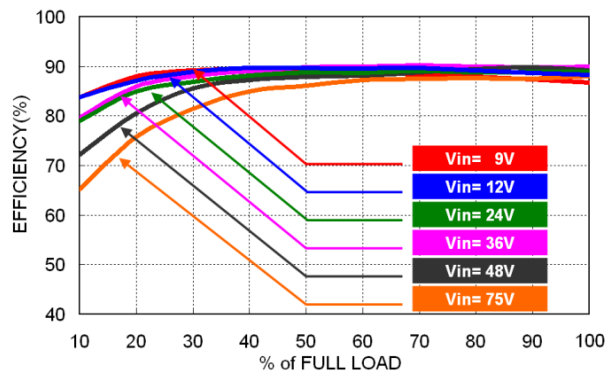


Remote On/Off Voltage Start-Up Characteristic

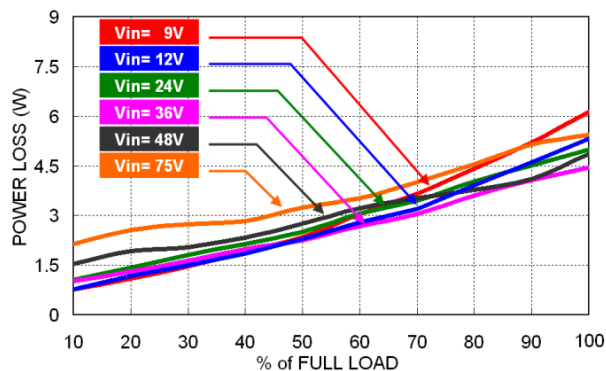


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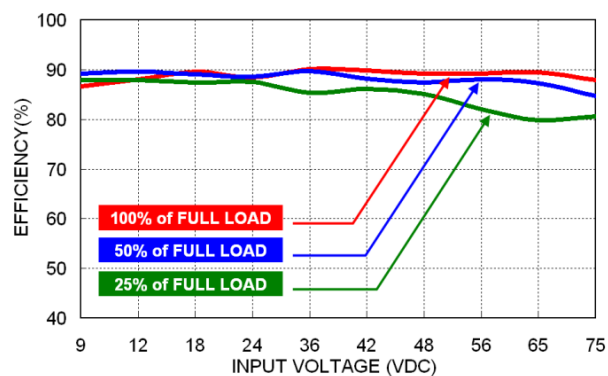
Efficiency versus Output Load



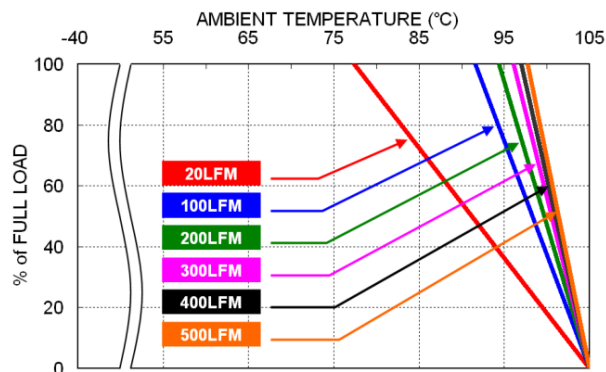
Power Dissipation versus Output Load



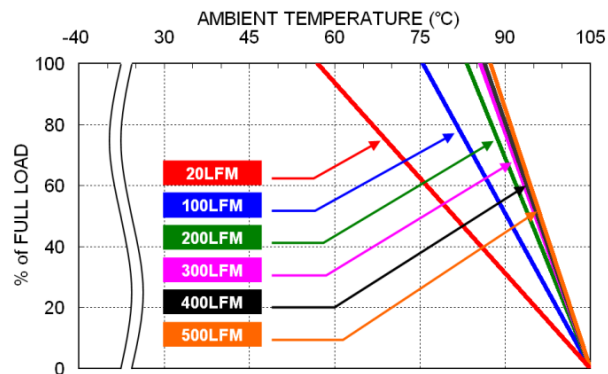
Efficiency versus Input Voltage



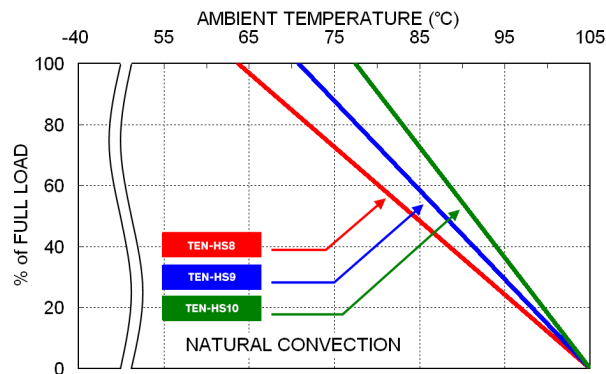
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



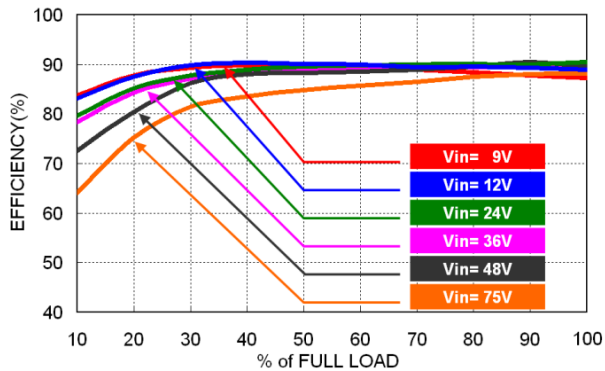
Derating Output Load versus Ambient Temperature with optional Heatsinks



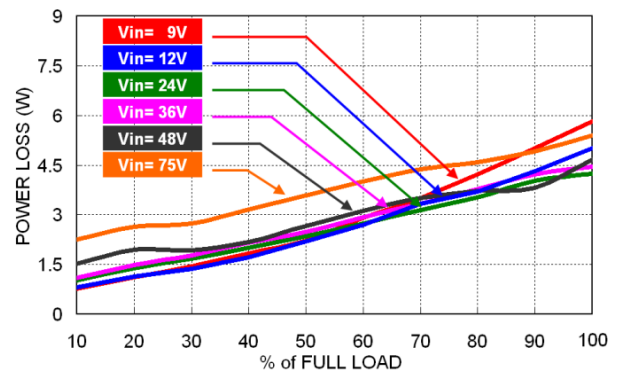
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

On-demand model with 36 Vin and dual 12 Vout

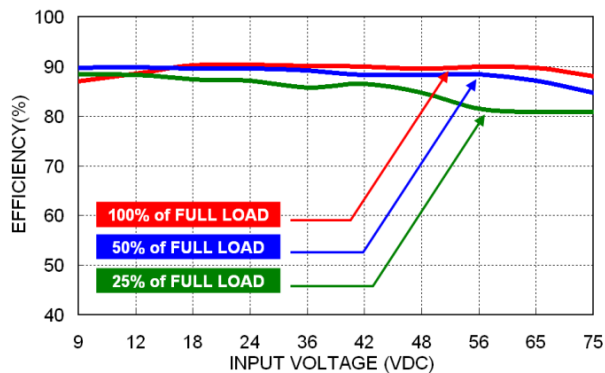
Efficiency versus Output Load



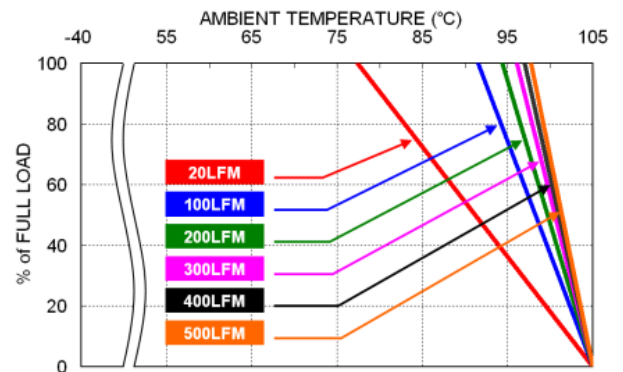
Power Dissipation versus Output Load



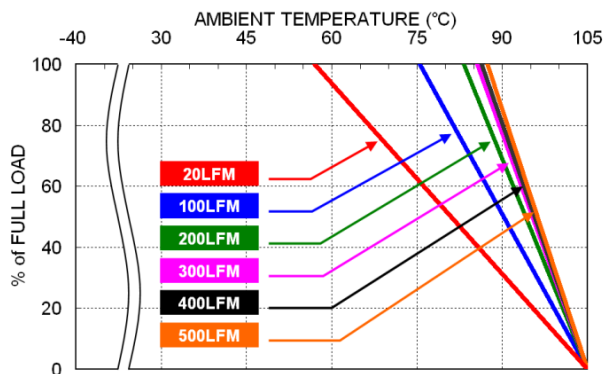
Efficiency versus Input Voltage



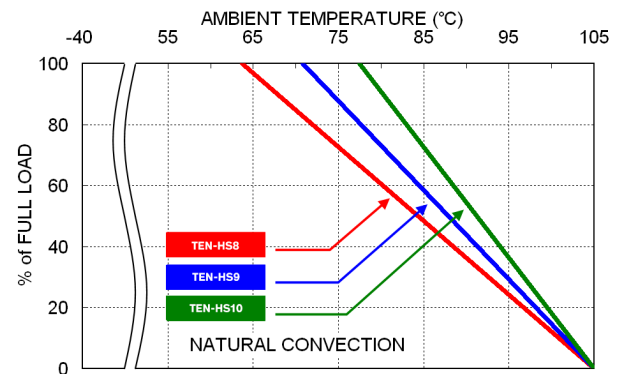
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



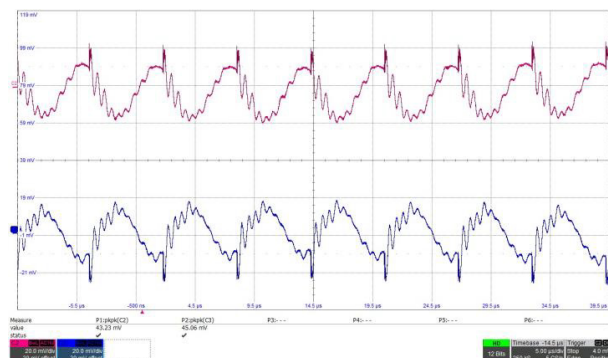
Derating Output Load versus Ambient Temperature with optional Heatsinks



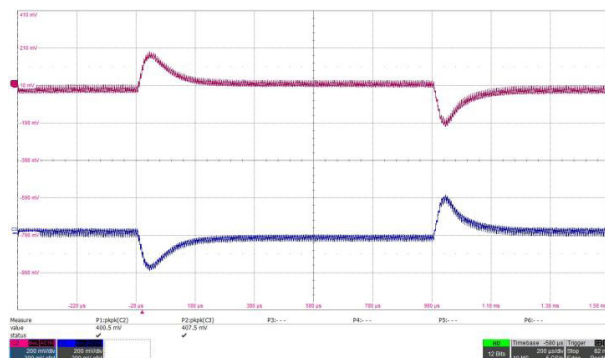
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

On-demand model with 36 Vin and dual 12 Vout

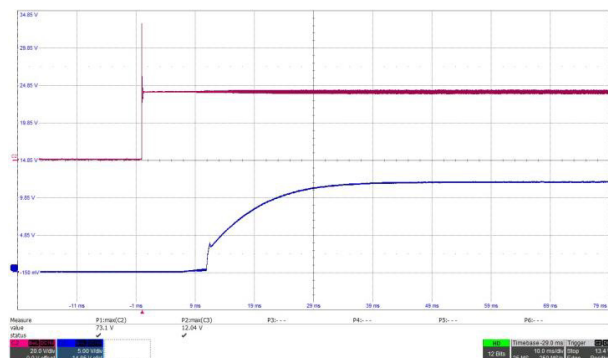
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



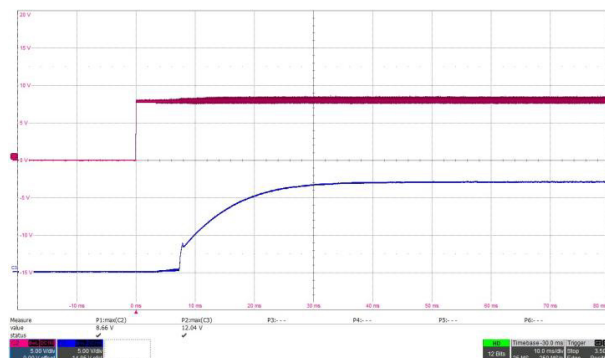
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

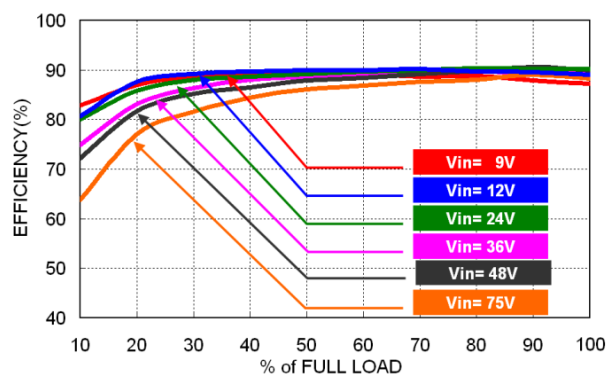


Remote On/Off Voltage Start-Up Characteristic

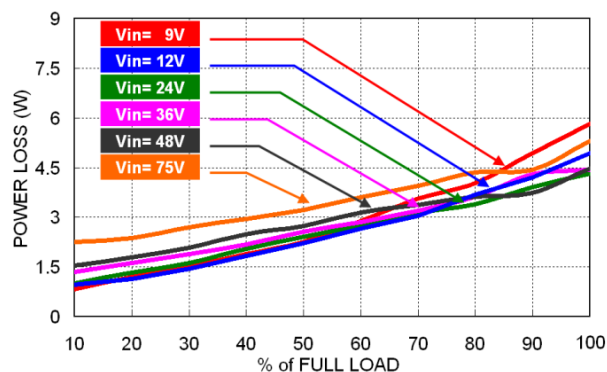


On-demand model with 36 Vin and dual 15 Vout

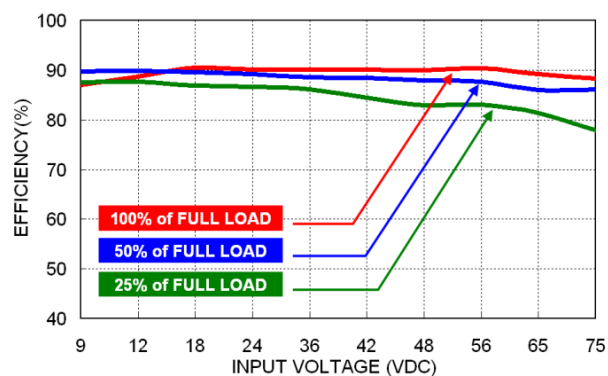
Efficiency versus Output Load



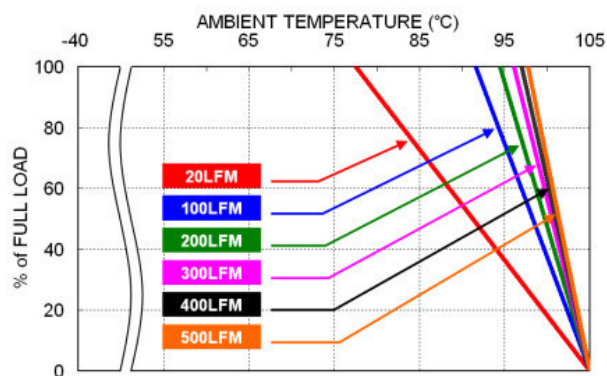
Power Dissipation versus Output Load



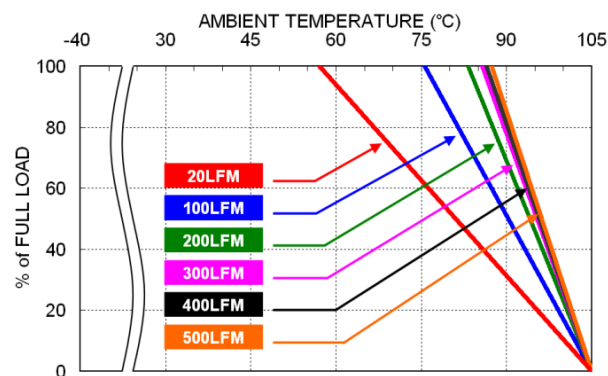
Efficiency versus Input Voltage



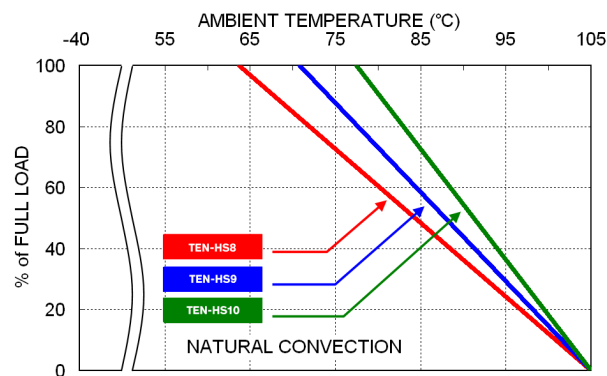
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



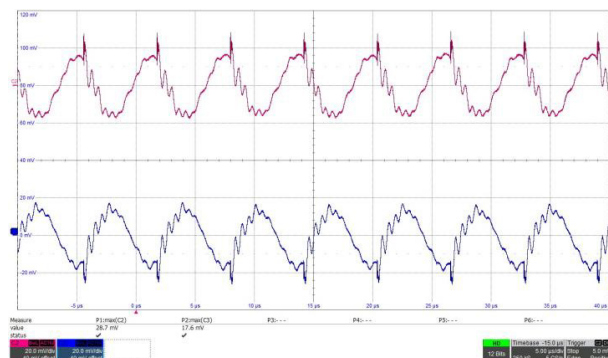
Derating Output Load versus Ambient Temperature with optional Heatsinks



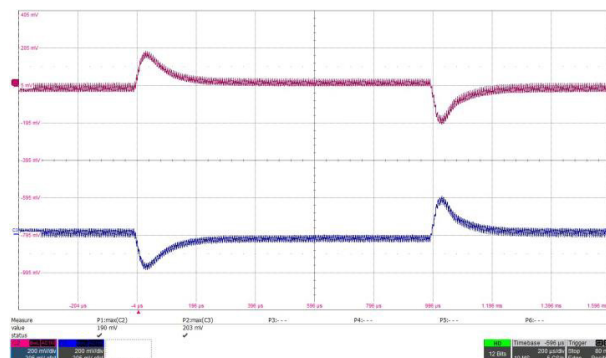
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

On-demand model with 36 Vin and dual 15 Vout

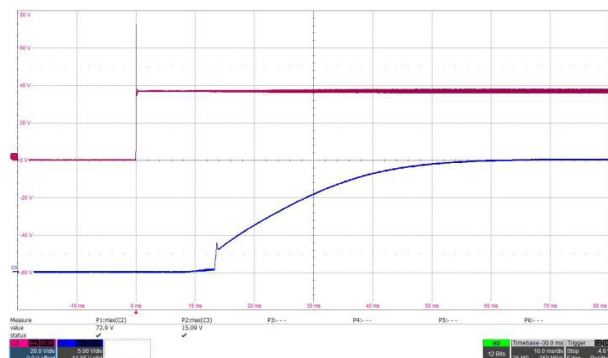
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



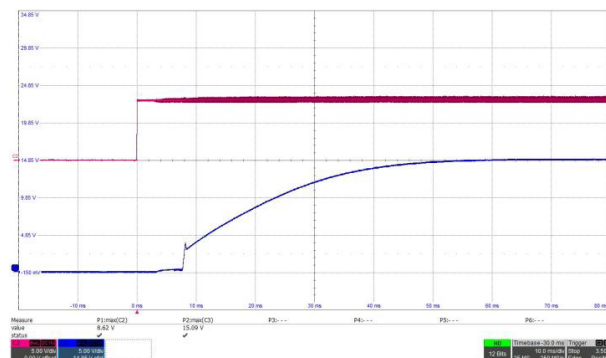
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

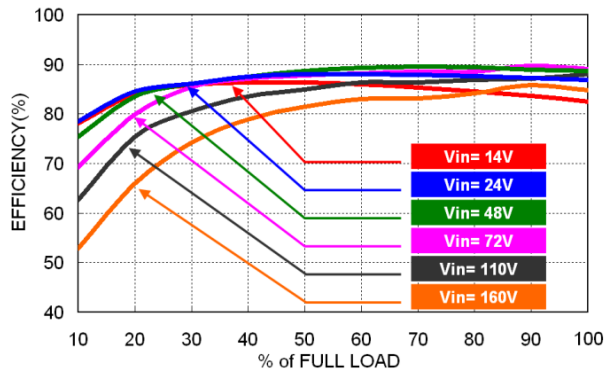


Remote On/Off Voltage Start-Up Characteristic

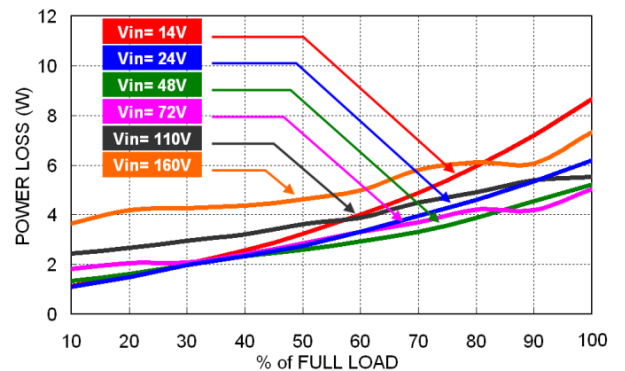


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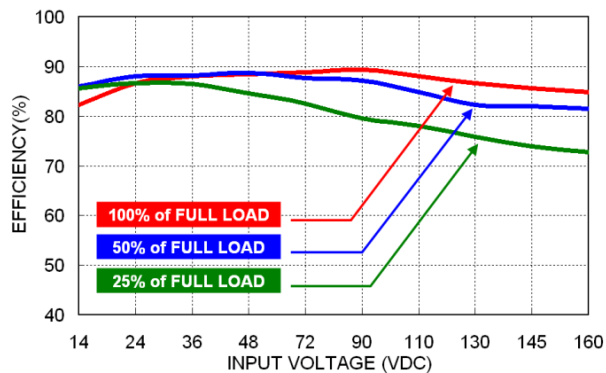
Efficiency versus Output Load



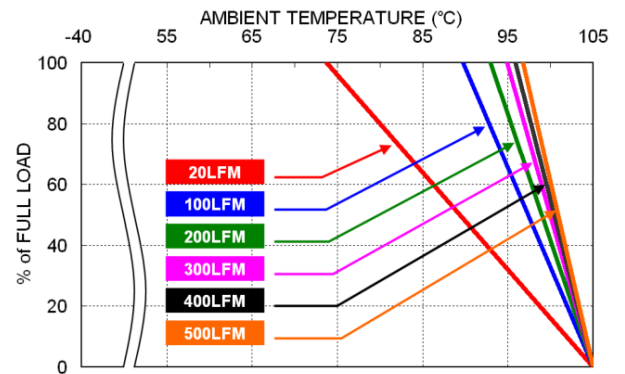
Power Dissipation versus Output Load



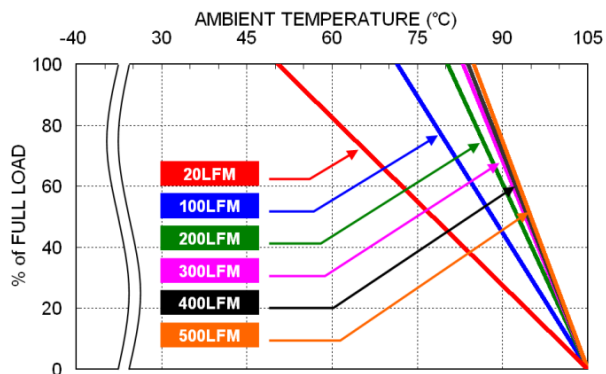
Efficiency versus Input Voltage



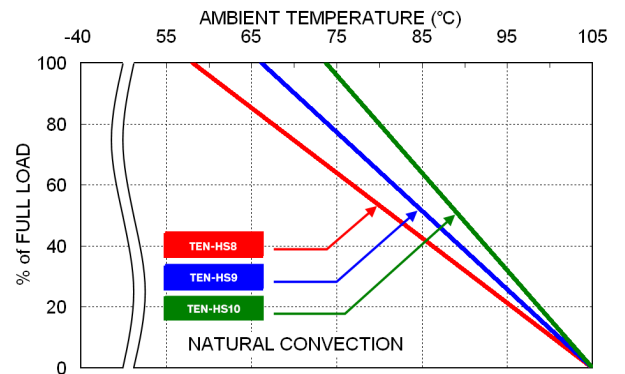
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



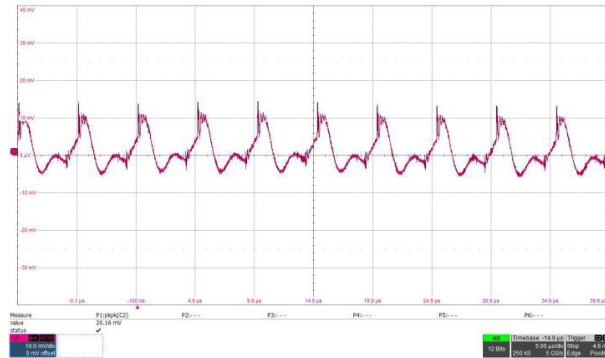
Derating Output Load versus Ambient Temperature with optional Heatsinks



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

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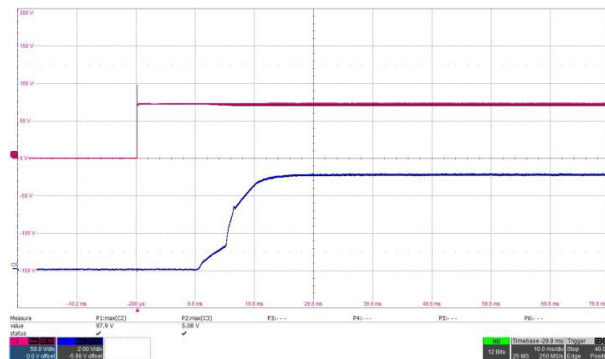
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



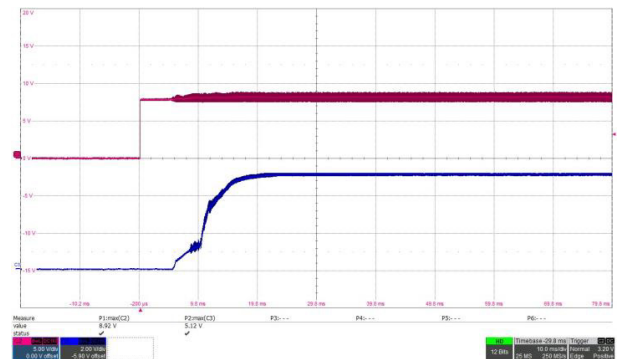
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

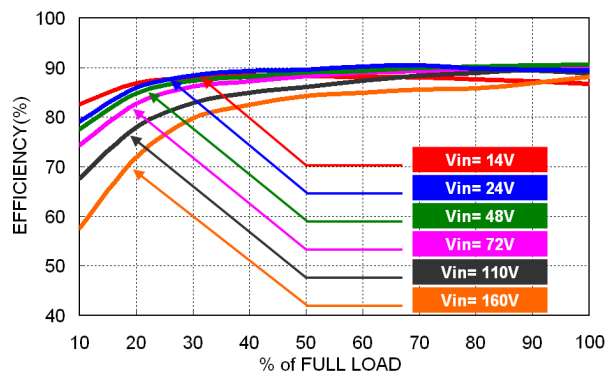


Remote On/Off Voltage Start-Up Characteristic

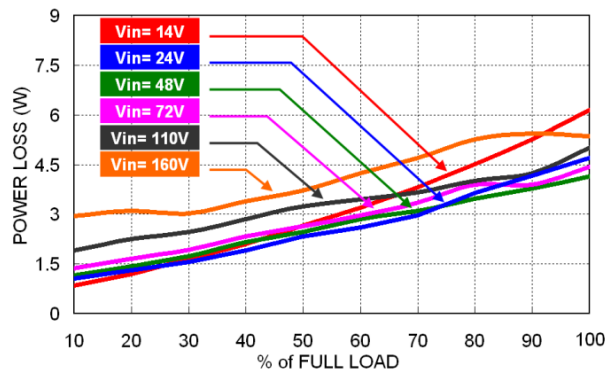


TEN 40-7212UIR

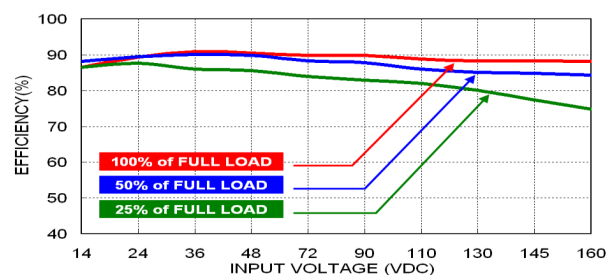
Efficiency versus Output Load



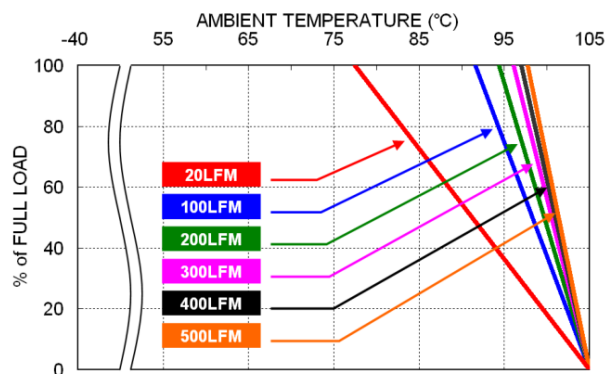
Power Dissipation versus Output Load



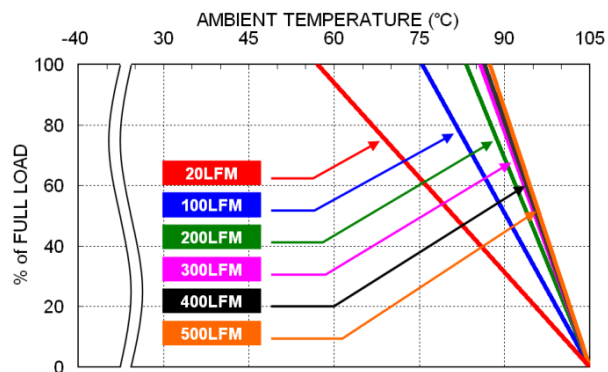
Efficiency versus Input Voltage



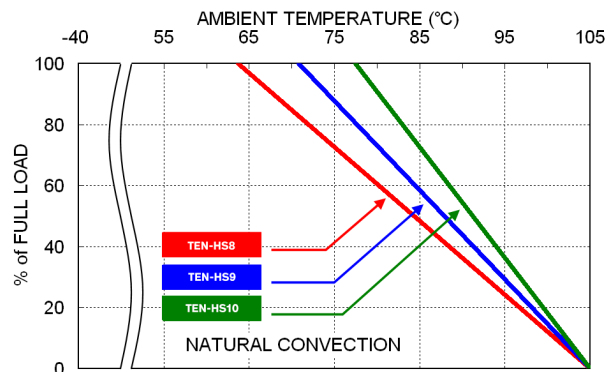
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)

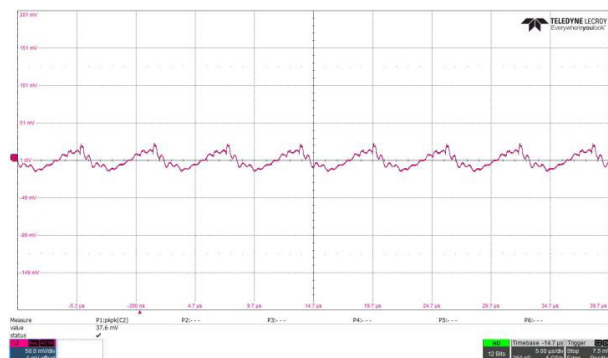


Derating Output Load versus Ambient Temperature with optional Heatsinks

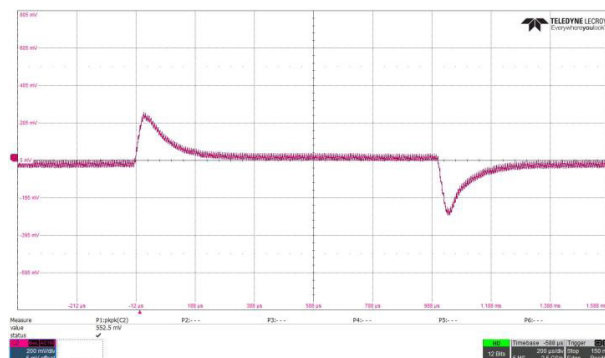


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Typical Output Ripple and Noise
(with external capacitor; see datasheet)



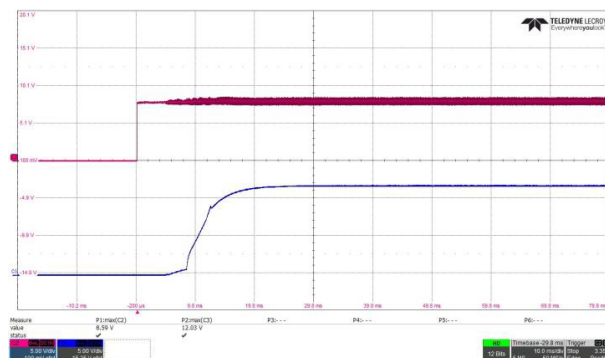
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

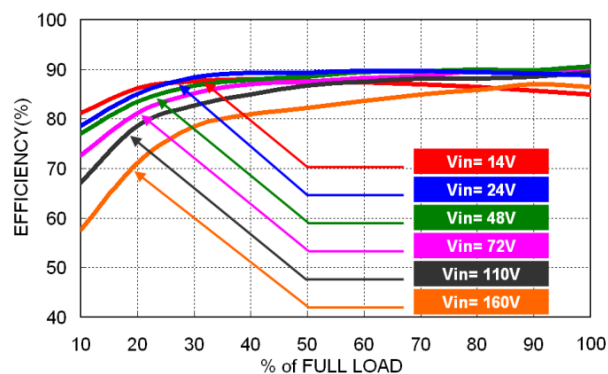


Remote On/Off Voltage Start-Up Characteristic

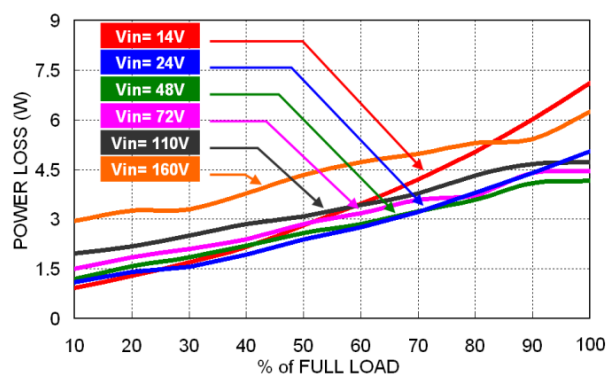


TEN 40-7213UIR

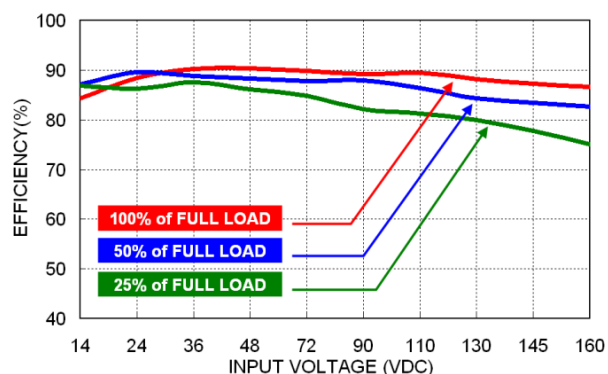
Efficiency versus Output Load



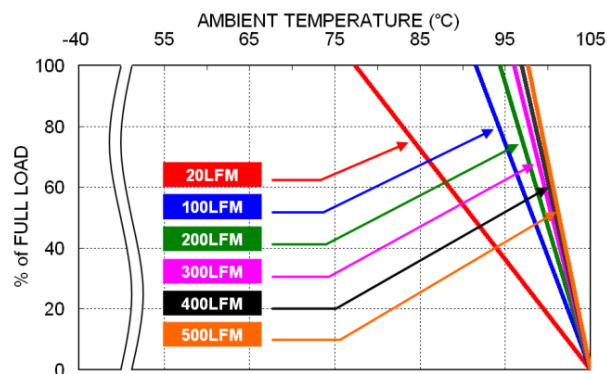
Power Dissipation versus Output Load



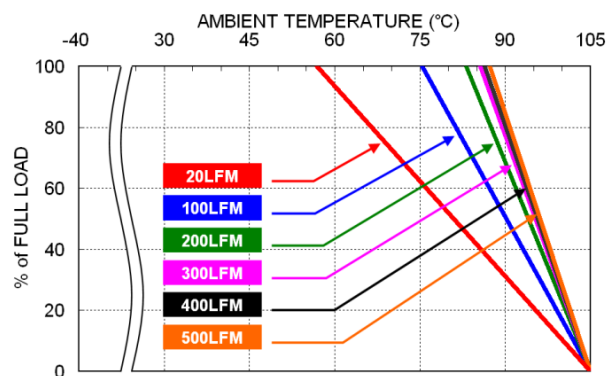
Efficiency versus Input Voltage



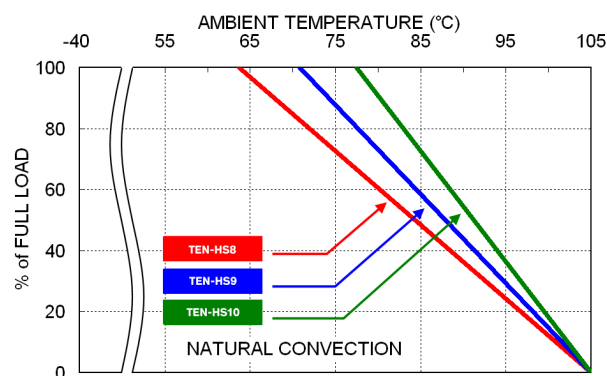
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



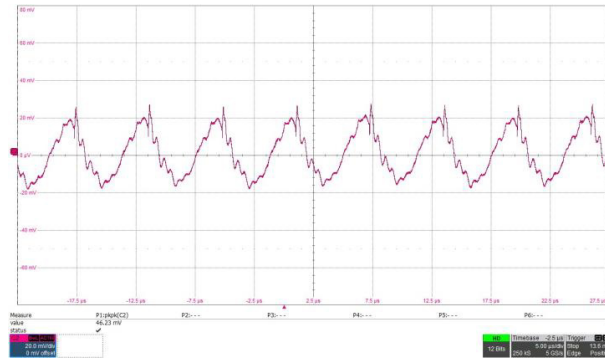
Derating Output Load versus Ambient Temperature with optional Heatsinks



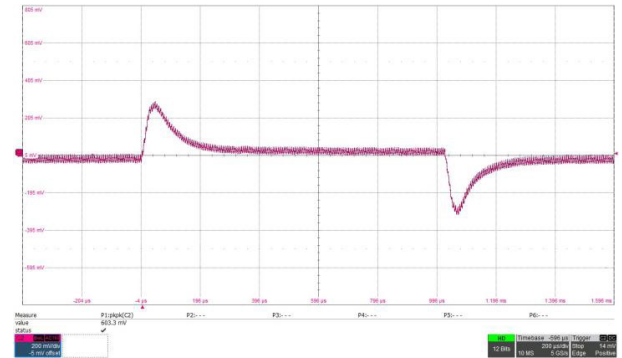
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

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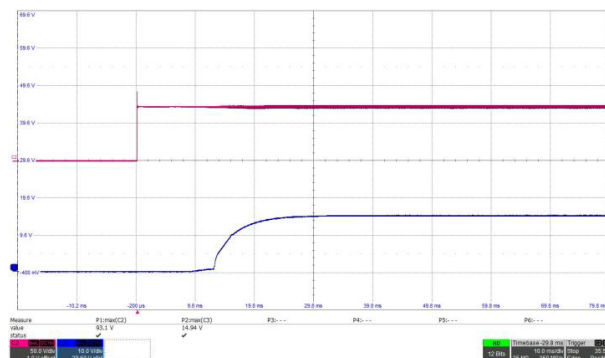
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



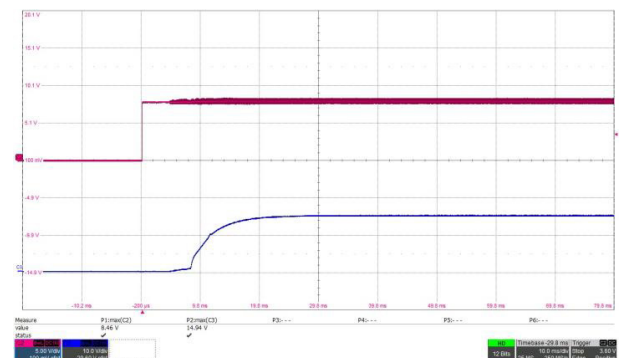
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

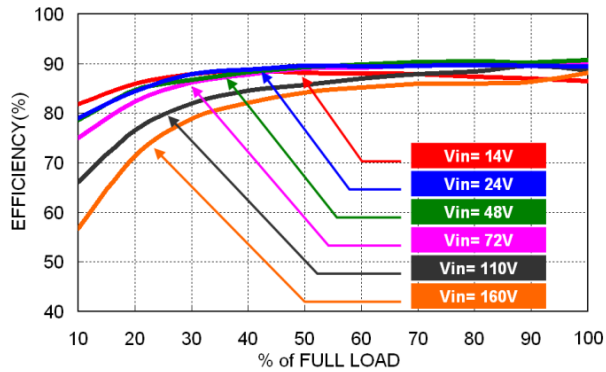


Remote On/Off Voltage Start-Up Characteristic

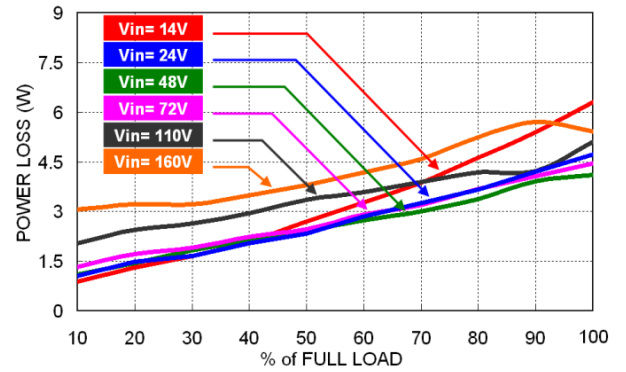


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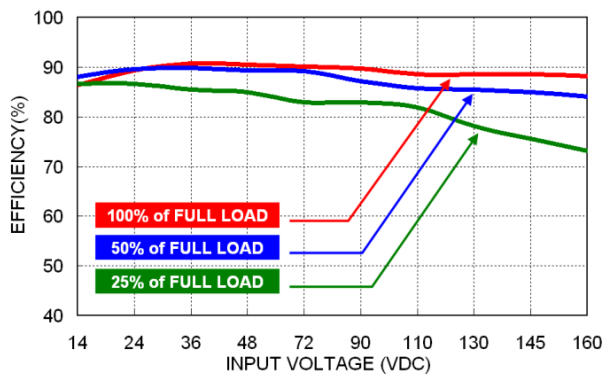
Efficiency versus Output Load



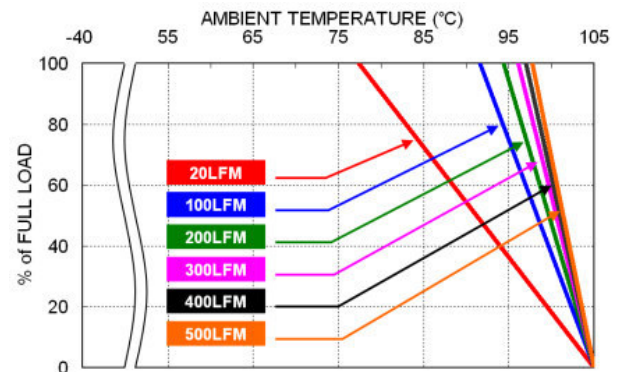
Power Dissipation versus Output Load



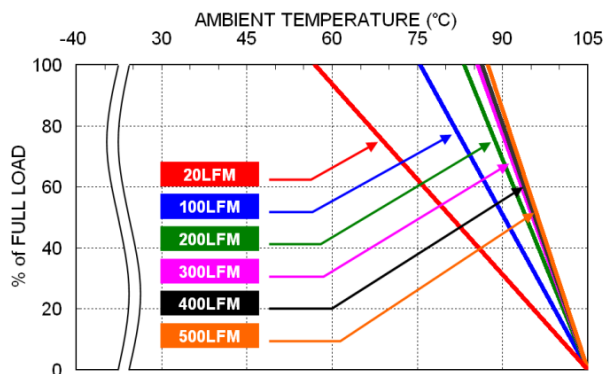
Efficiency versus Input Voltage



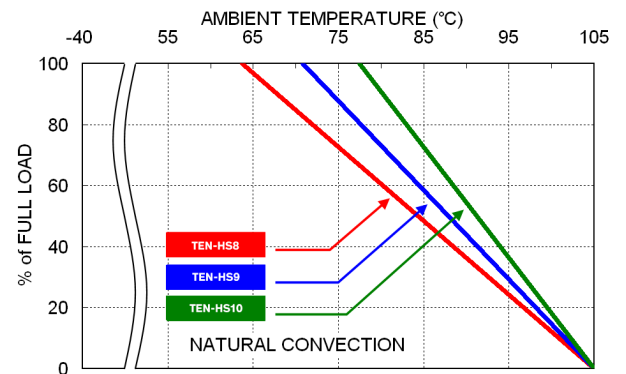
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)

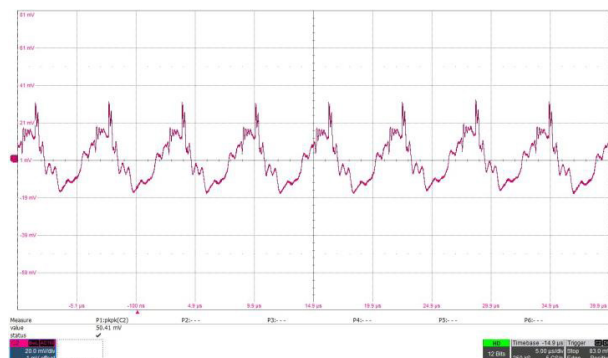


Derating Output Load versus Ambient Temperature with optional Heatsinks

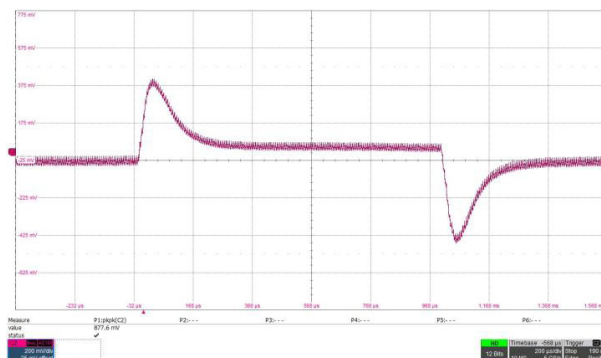


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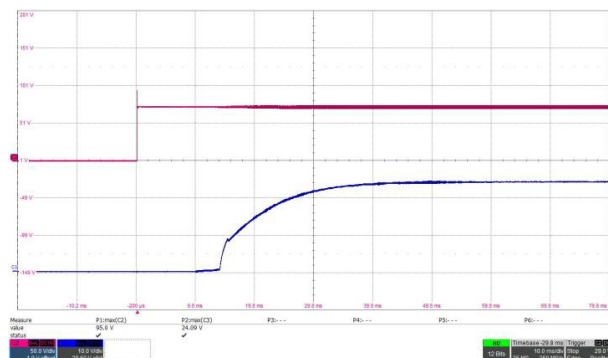
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



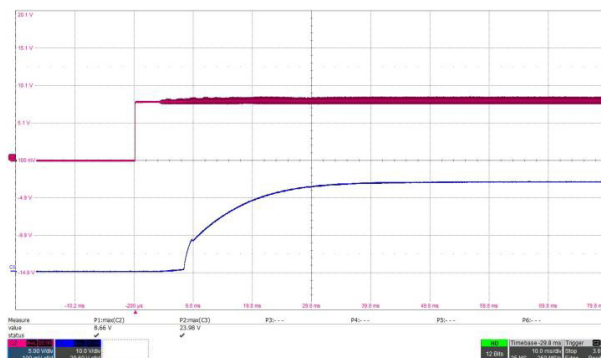
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

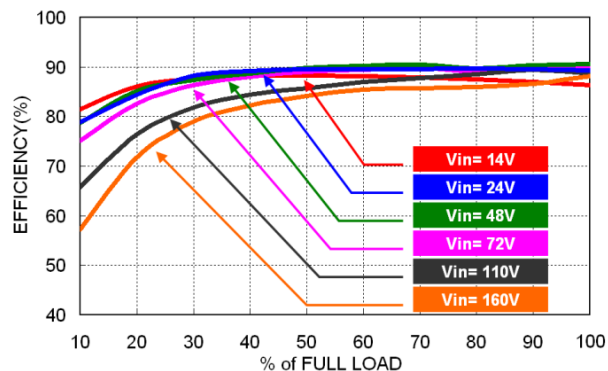


Remote On/Off Voltage Start-Up Characteristic

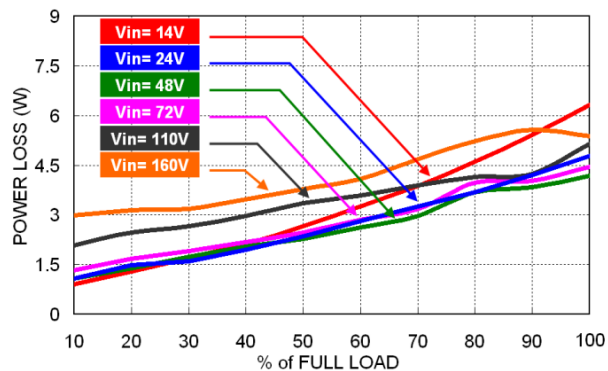


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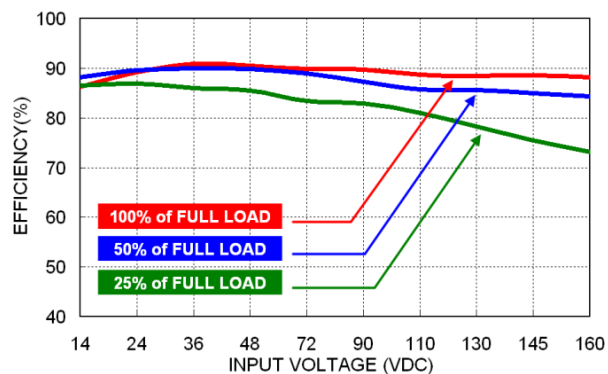
Efficiency versus Output Load



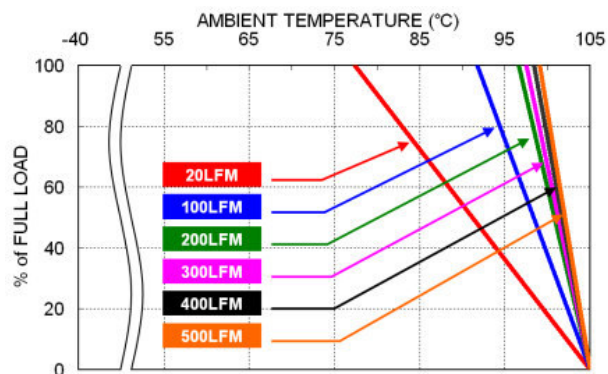
Power Dissipation versus Output Load



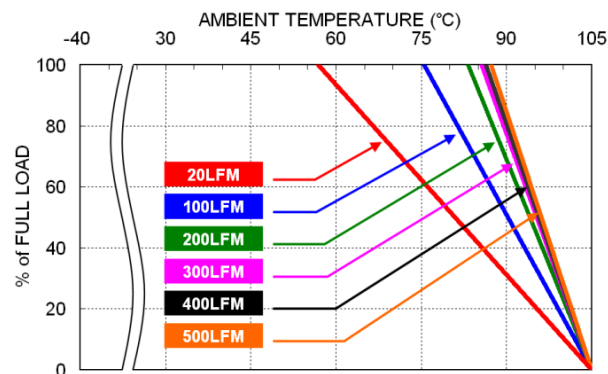
Efficiency versus Input Voltage



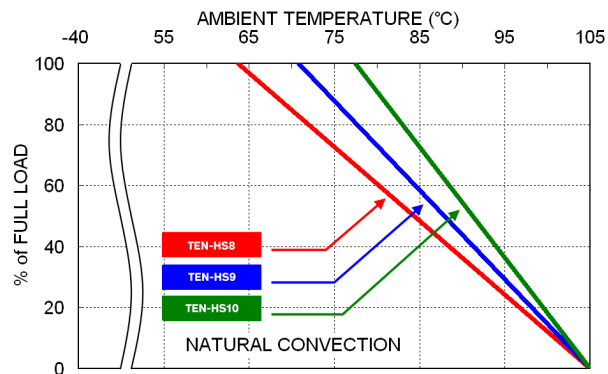
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)



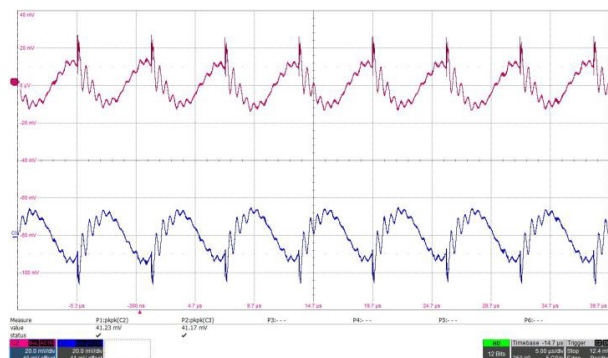
Derating Output Load versus Ambient Temperature with optional Heatsinks



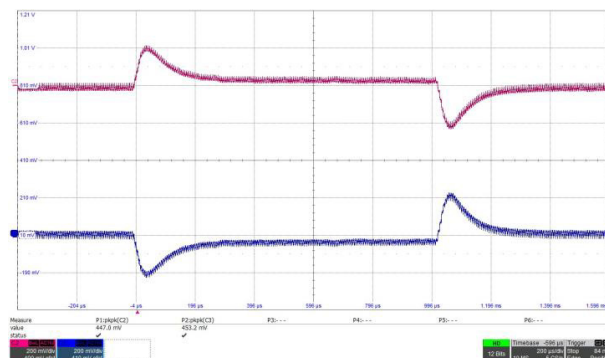
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

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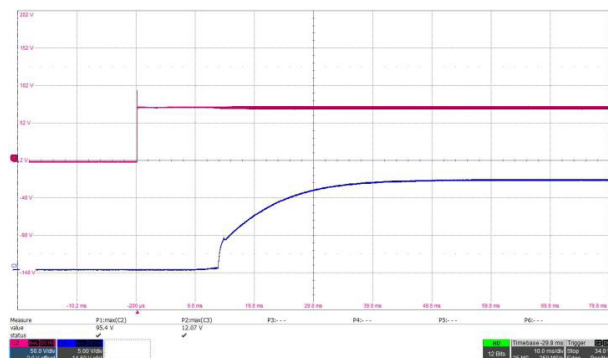
Typical Output Ripple and Noise
(with external capacitor; see datasheet)



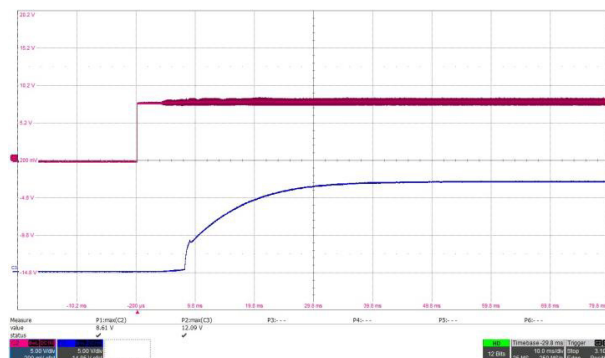
Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

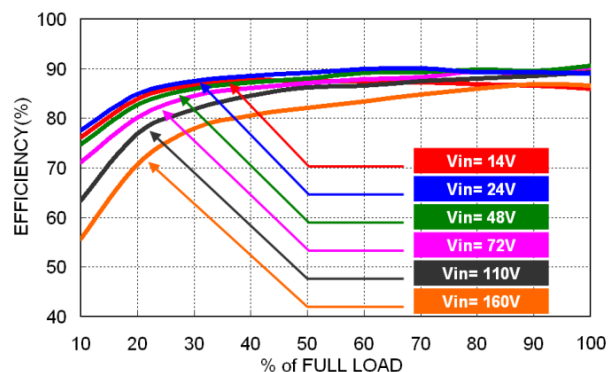


Remote On/Off Voltage Start-Up Characteristic

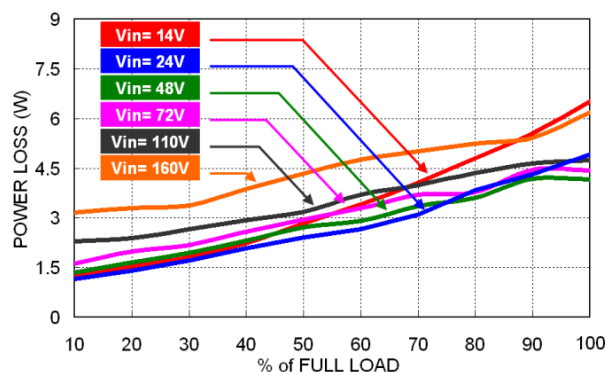


TEN 40-7223UIR

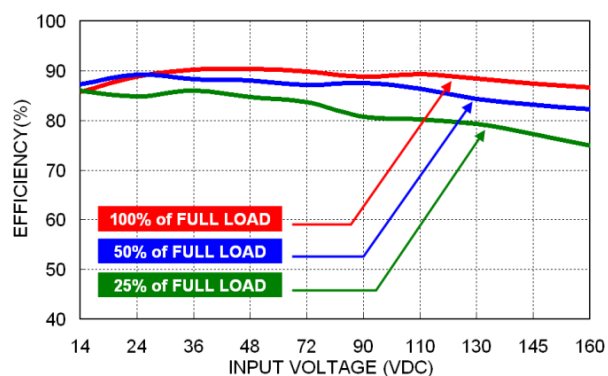
Efficiency versus Output Load



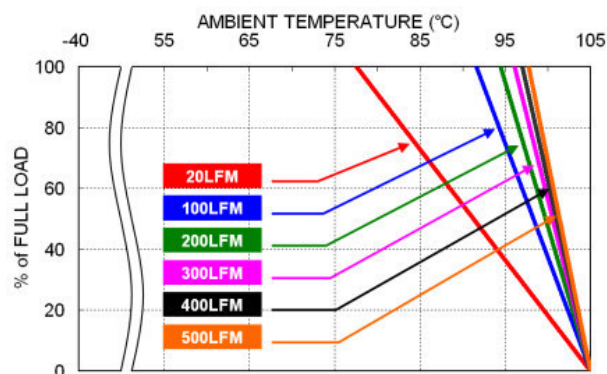
Power Dissipation versus Output Load



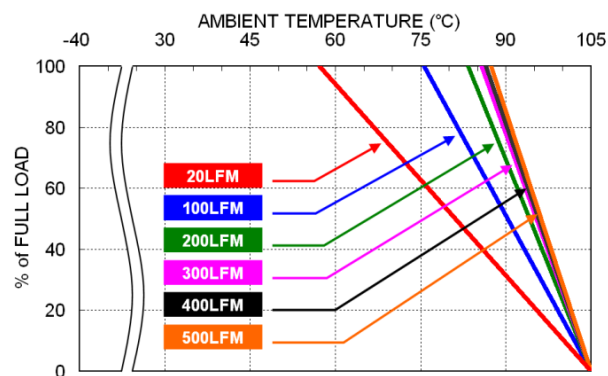
Efficiency versus Input Voltage



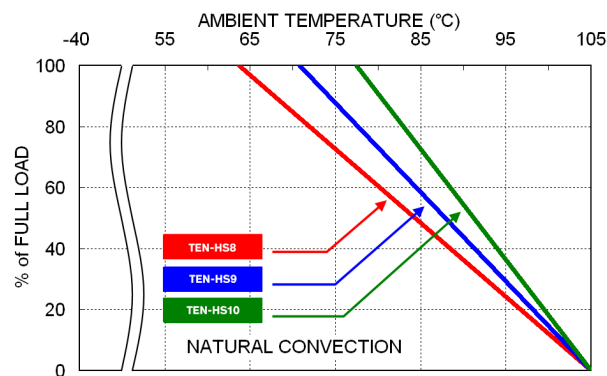
Derating Output Load versus Ambient Temperature with standard Heatsink



Derating Output Load versus Ambient Temperature without Heatsink (optional)

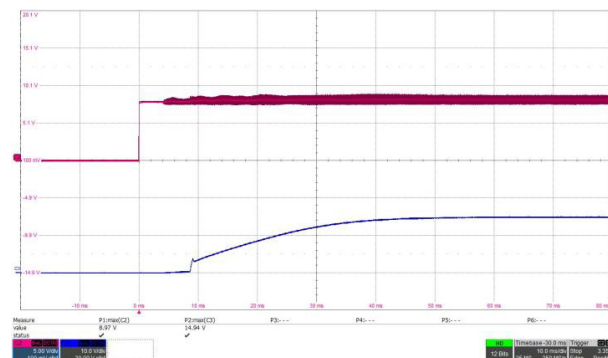


Derating Output Load versus Ambient Temperature with optional Heatsinks



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

Typical Output Ripple and Noise
(with external capacitor; see datasheet)



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Specifications can be changed without notice.