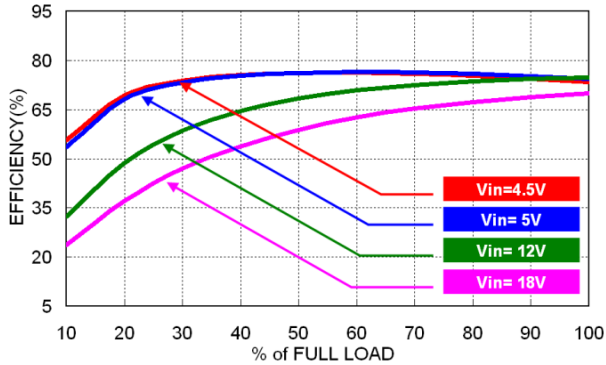


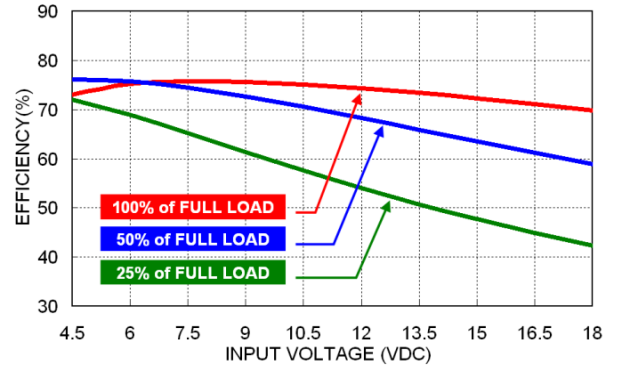
### Characteristic Curves

#### TEC 3-1210WI

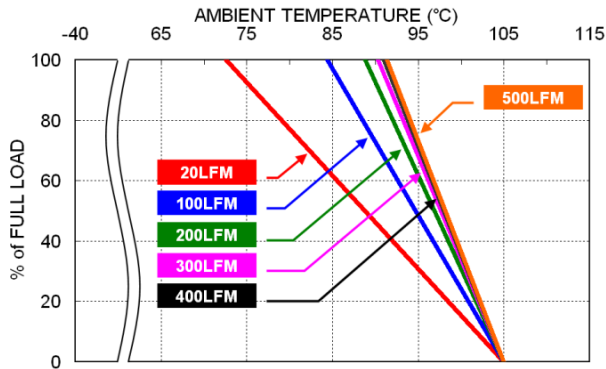
Efficiency versus Output Load



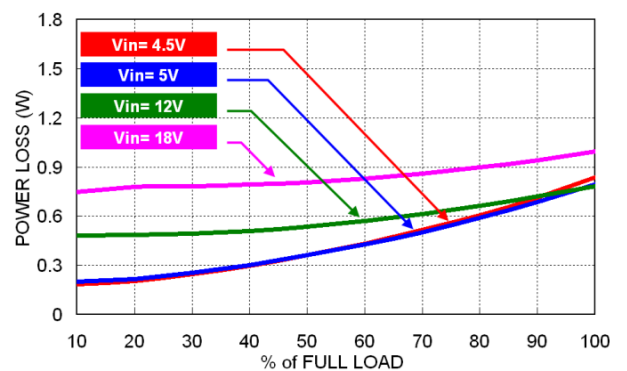
Efficiency versus Input Voltage



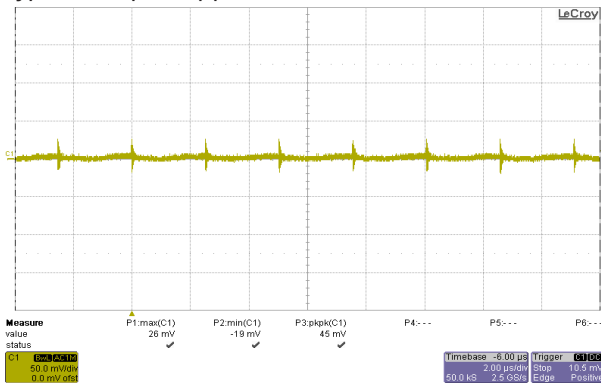
Derating Output Load versus Ambient Temperature



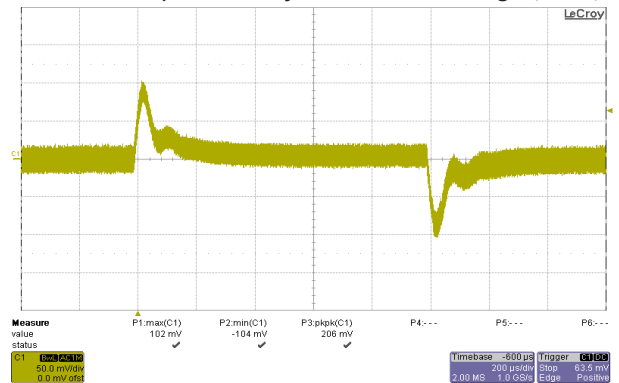
Power Dissipation versus Output Load



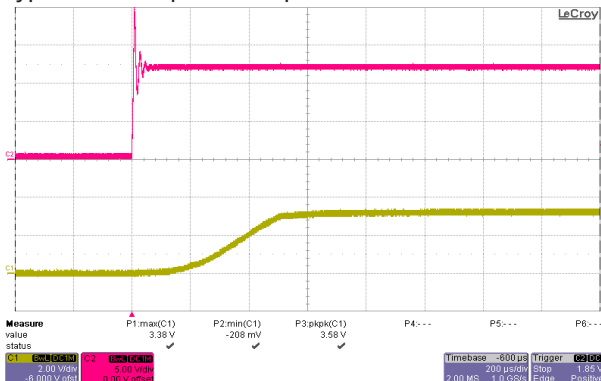
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)

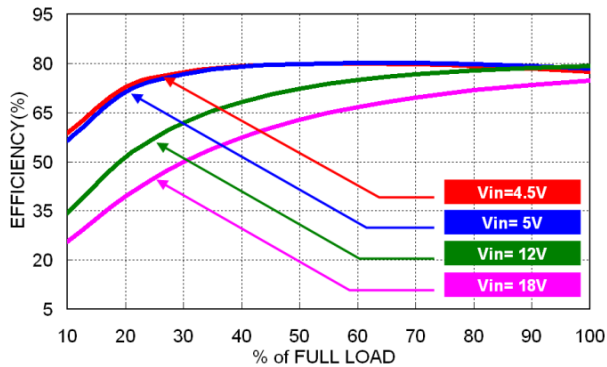


Typical Start-Up and Output Rise Characteristic

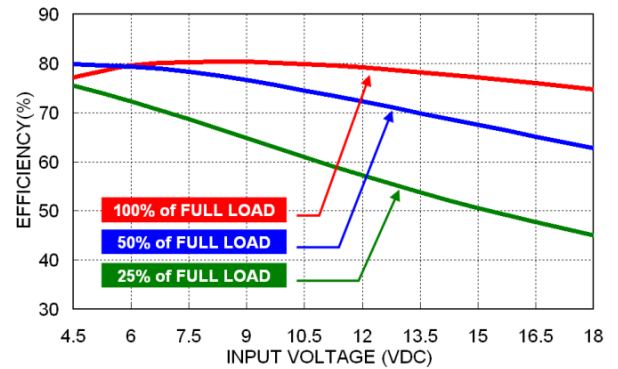


### TEC 3-1211WI

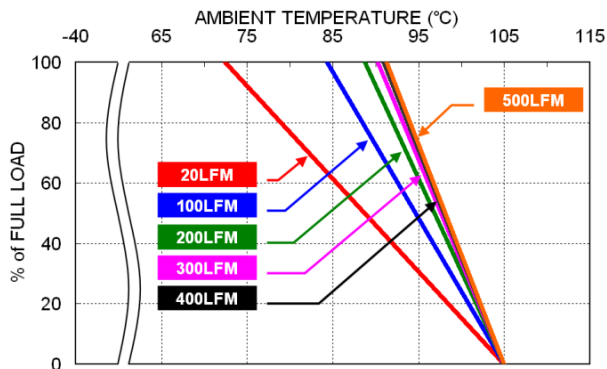
Efficiency versus Output Load



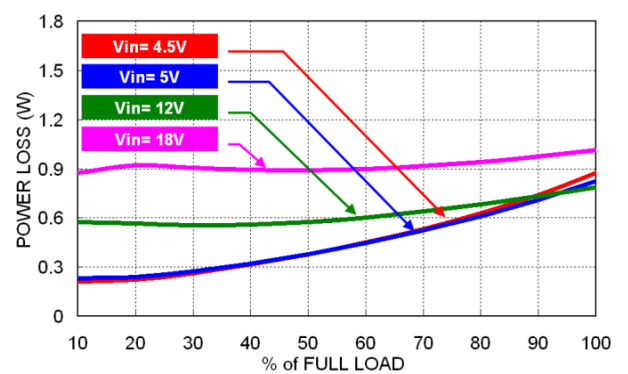
Efficiency versus Input Voltage



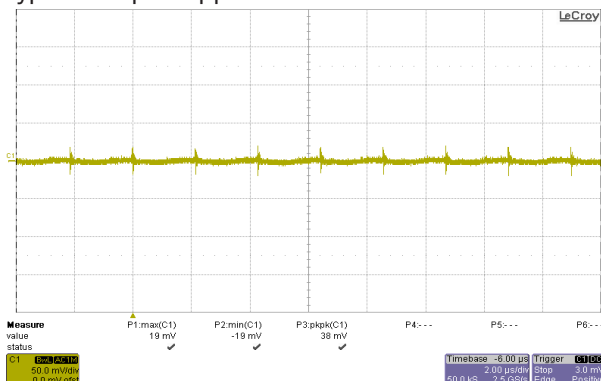
Derating Output Load versus Ambient Temperature



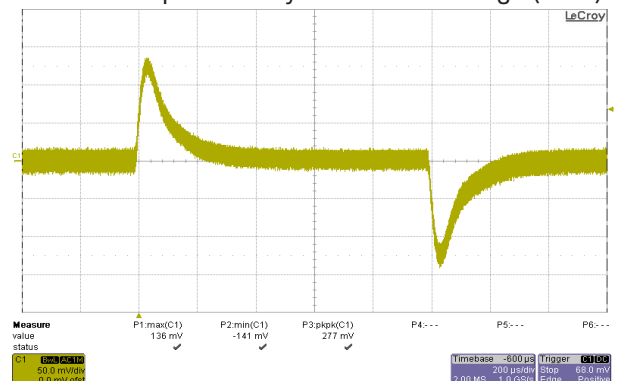
Power Dissipation versus Output Load



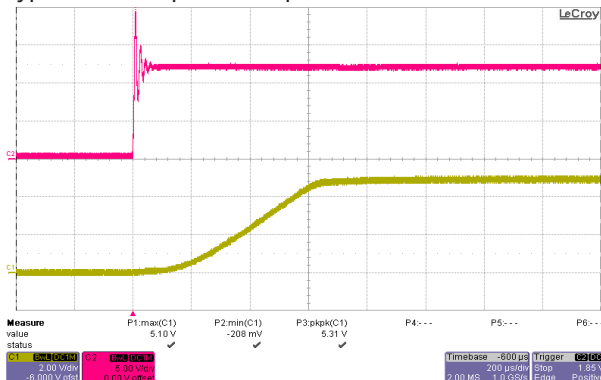
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



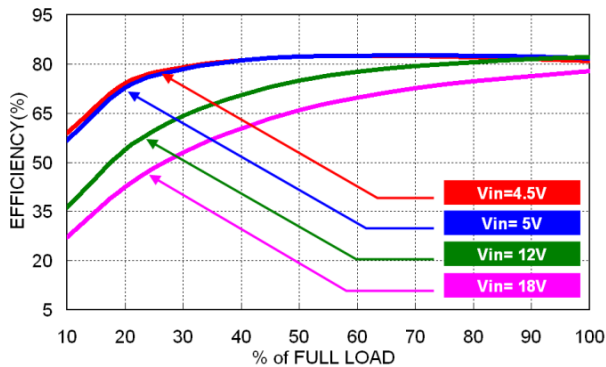
Typical Start-Up and Output Rise Characteristic



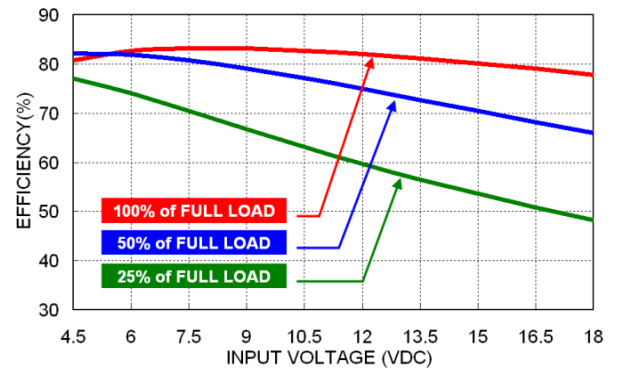
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-1219WI

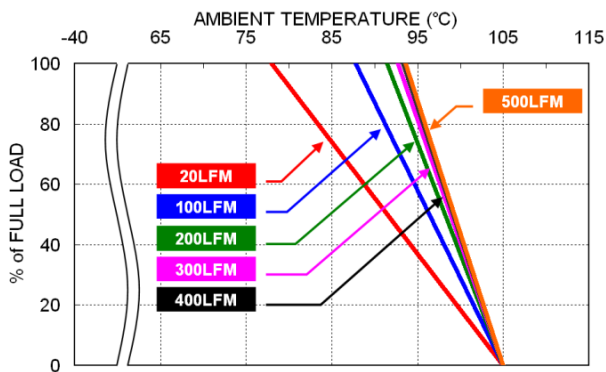
Efficiency versus Output Load



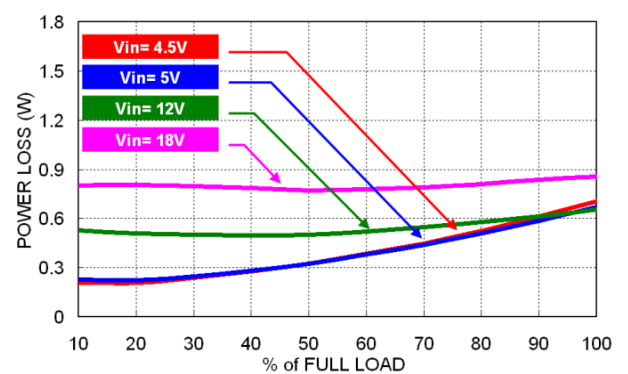
Efficiency versus Input Voltage



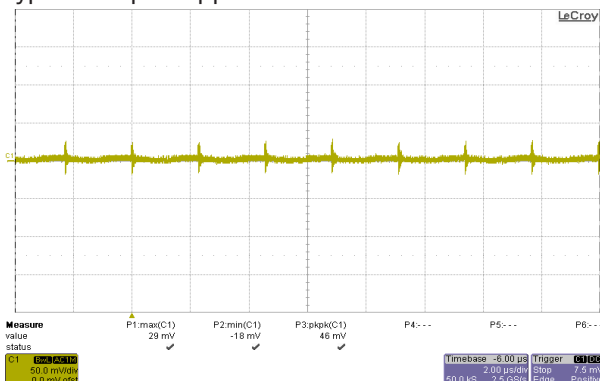
Derating Output Load versus Ambient Temperature



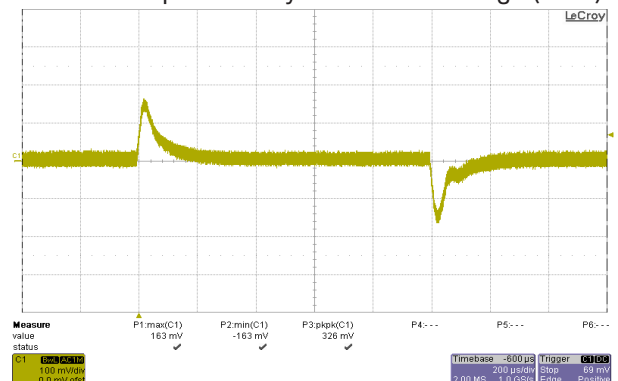
Power Dissipation versus Output Load



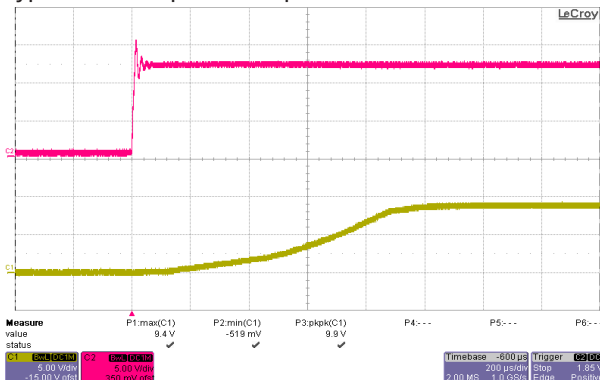
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



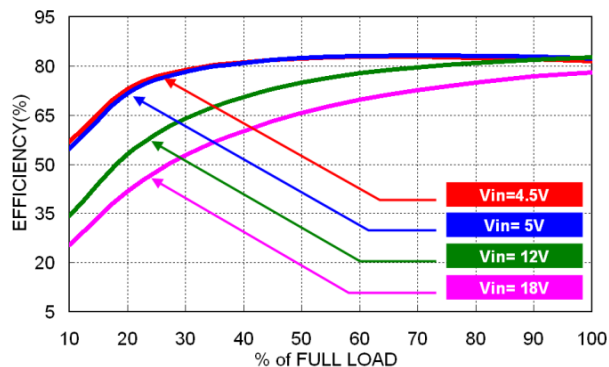
Typical Start-Up and Output Rise Characteristic



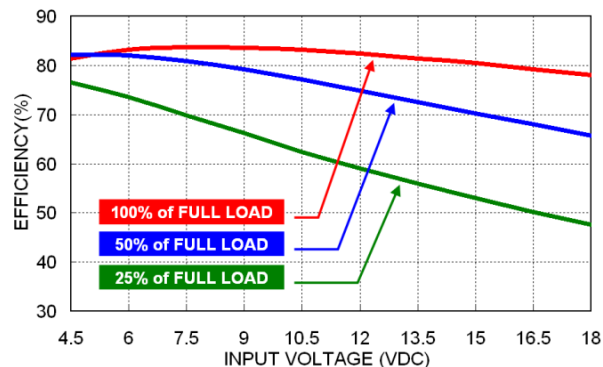
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-1212WI

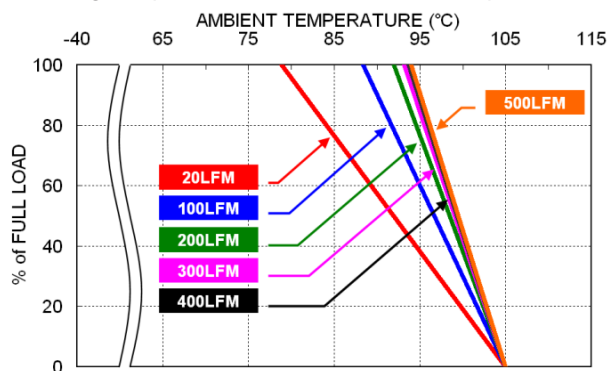
Efficiency versus Output Load



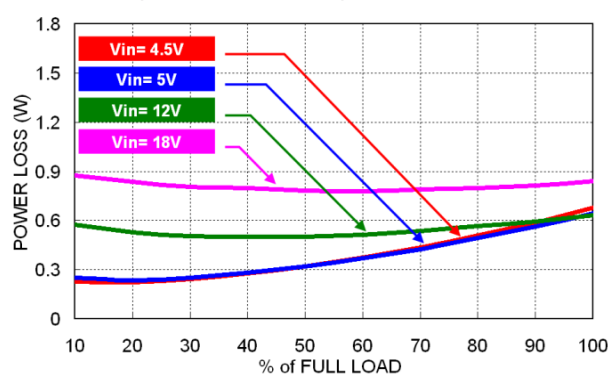
Efficiency versus Input Voltage



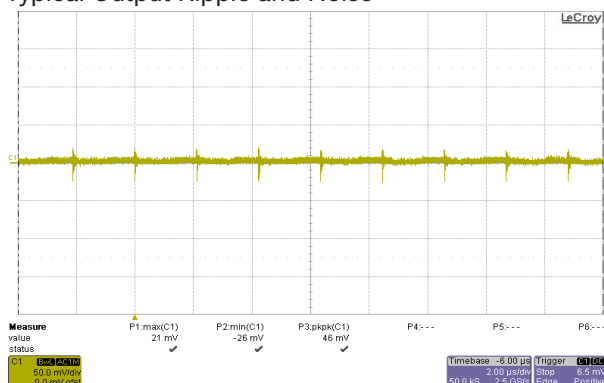
Derating Output Load versus Ambient Temperature



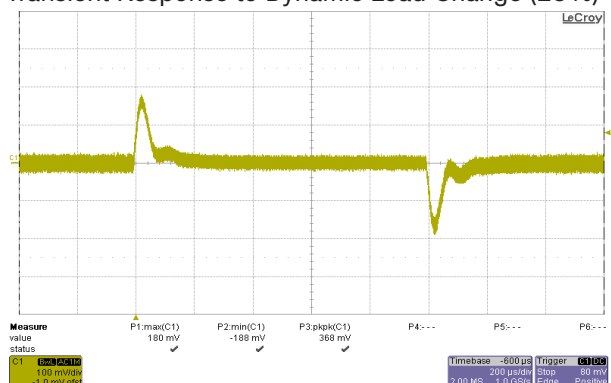
Power Dissipation versus Output Load



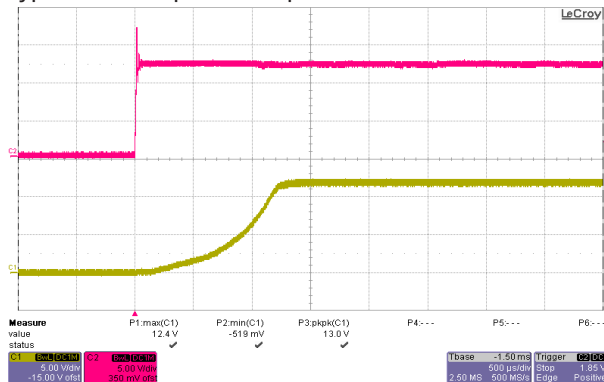
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



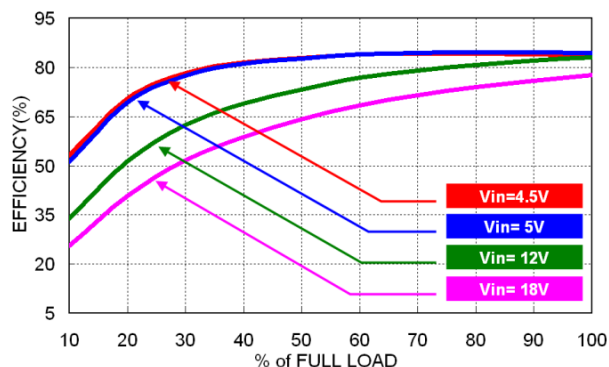
Typical Start-Up and Output Rise Characteristic



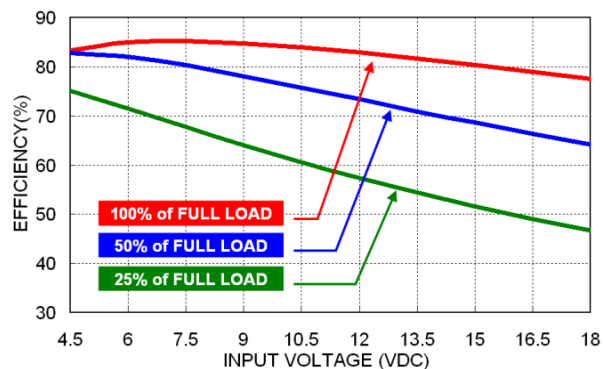
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-1213WI

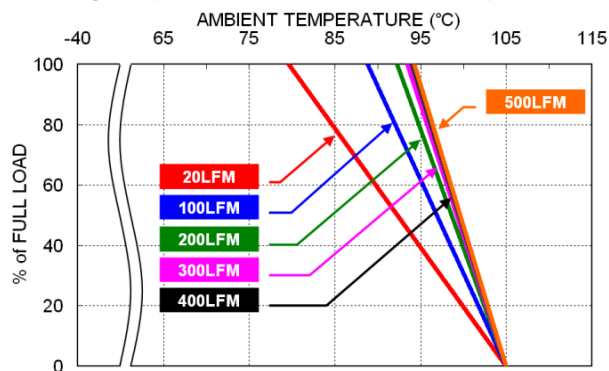
Efficiency versus Output Load



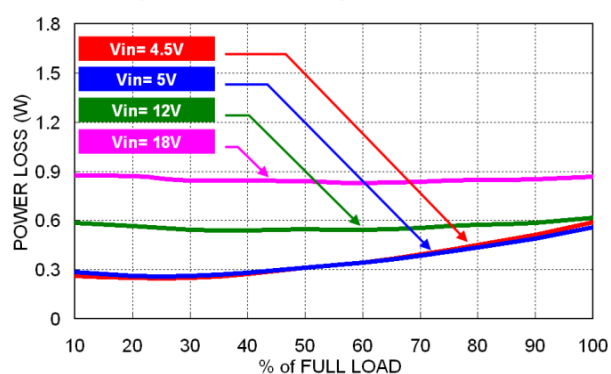
Efficiency versus Input Voltage



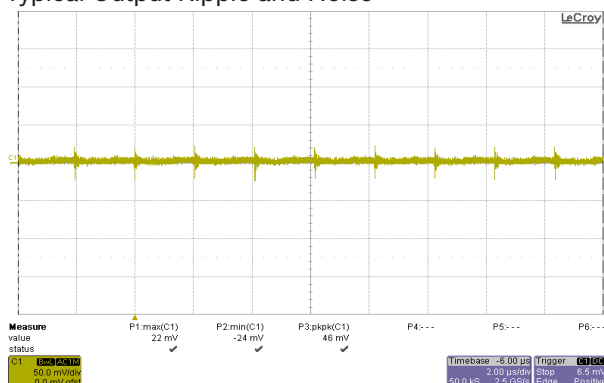
Derating Output Load versus Ambient Temperature



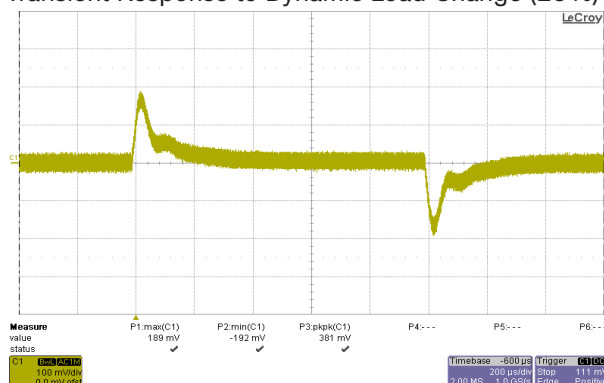
Power Dissipation versus Output Load



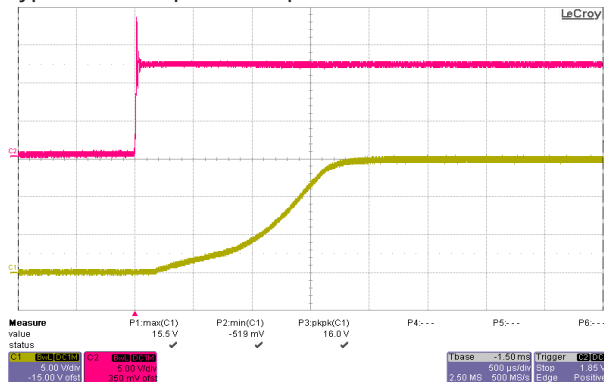
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



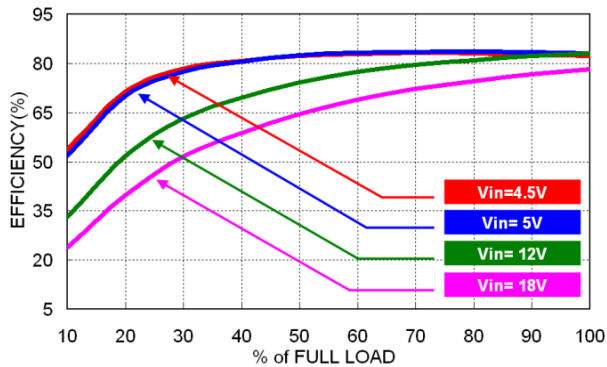
Typical Start-Up and Output Rise Characteristic



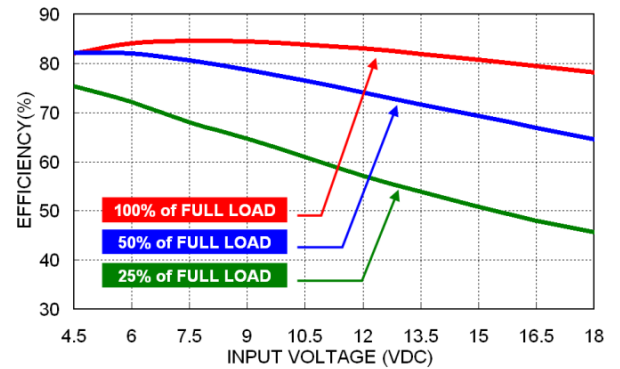
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-1215WI

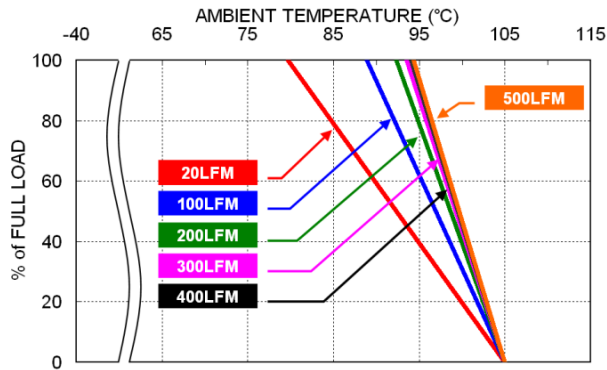
Efficiency versus Output Load



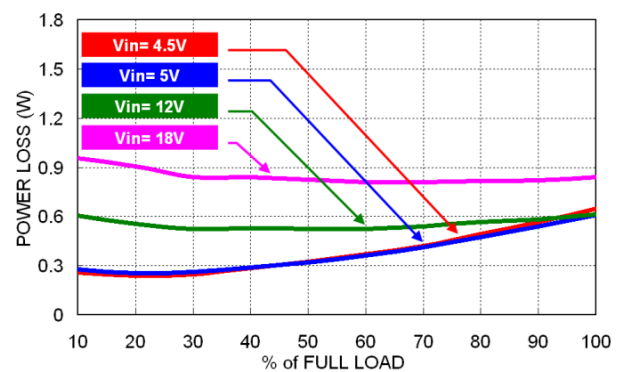
Efficiency versus Input Voltage



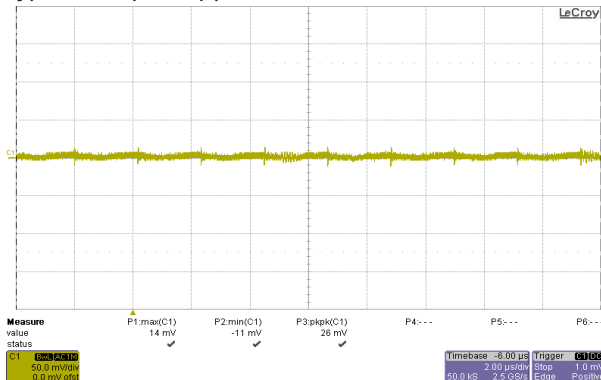
Derating Output Load versus Ambient Temperature



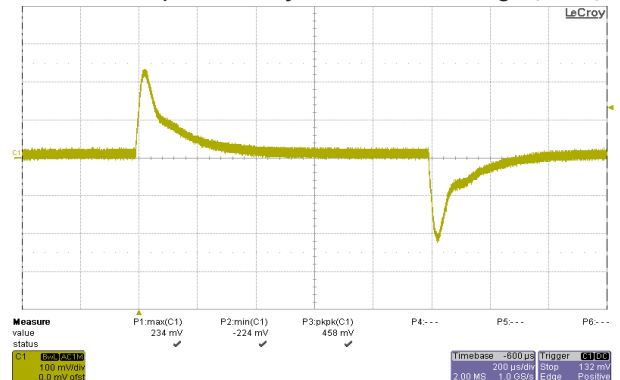
Power Dissipation versus Output Load



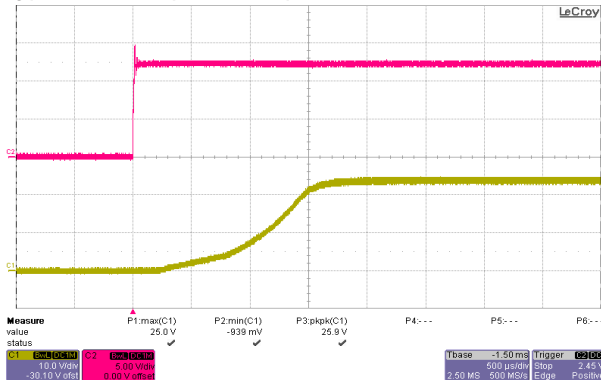
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



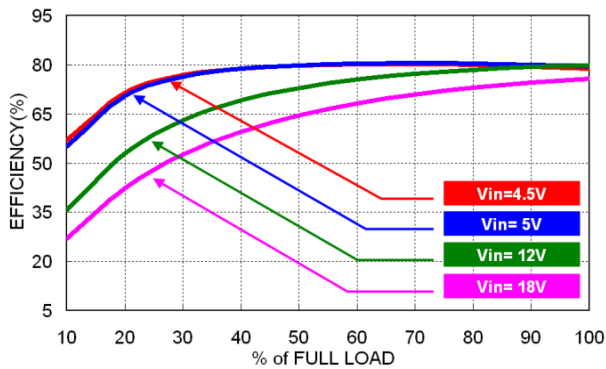
Typical Start-Up and Output Rise Characteristic



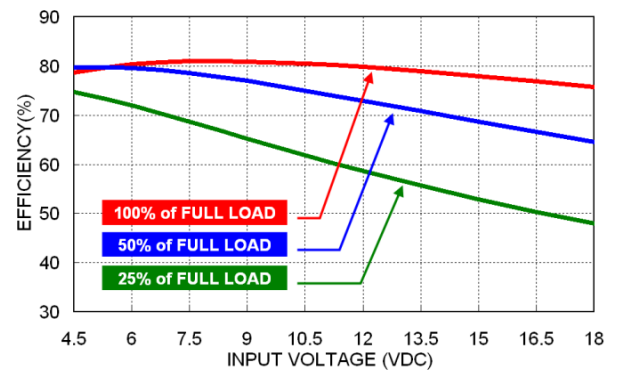
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-1221WI

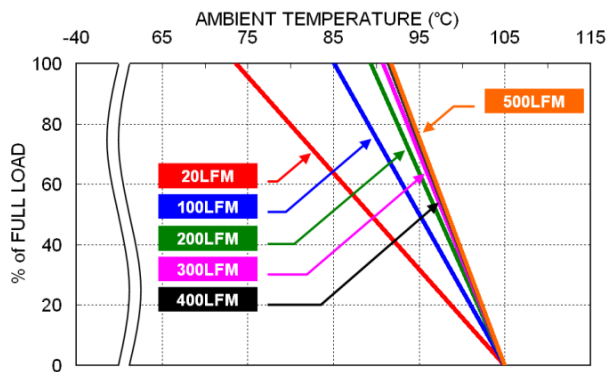
Efficiency versus Output Load



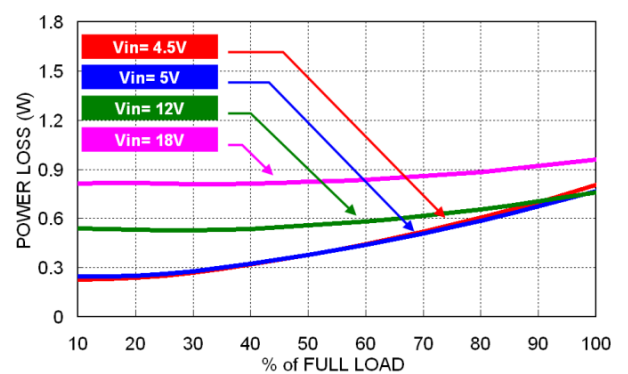
Efficiency versus Input Voltage



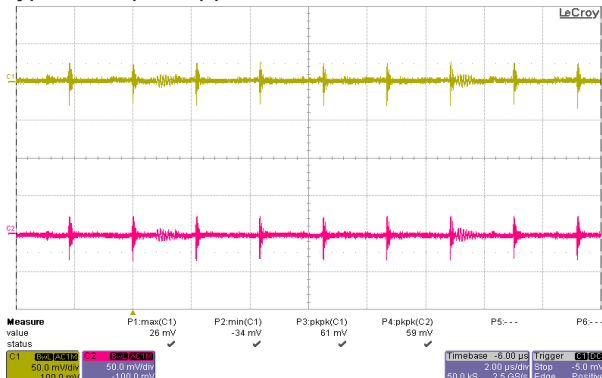
Derating Output Load versus Ambient Temperature



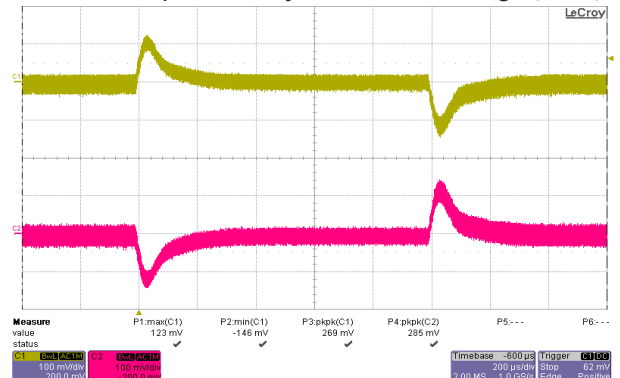
Power Dissipation versus Output Load



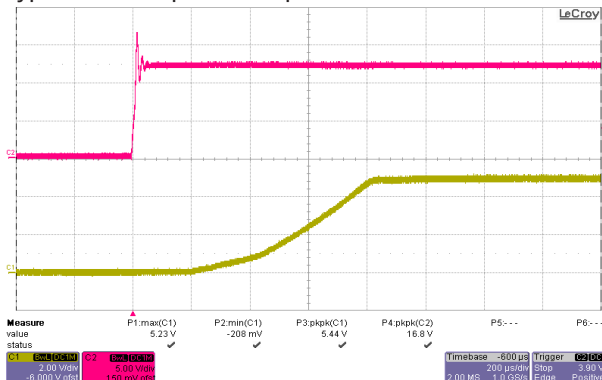
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

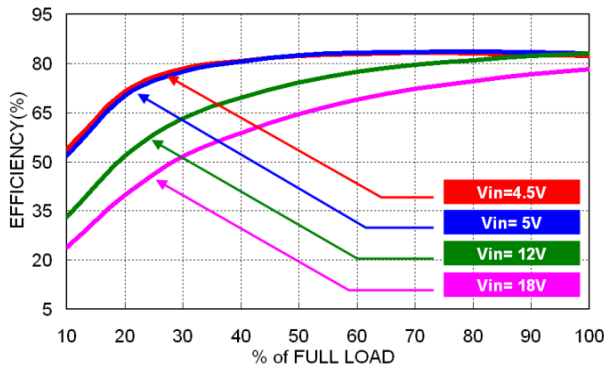


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

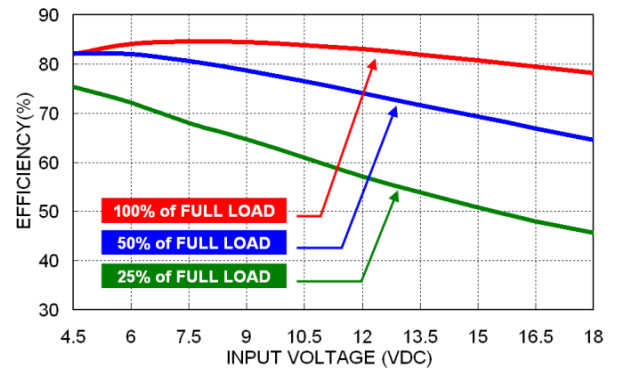


### TEC 3-1222WI

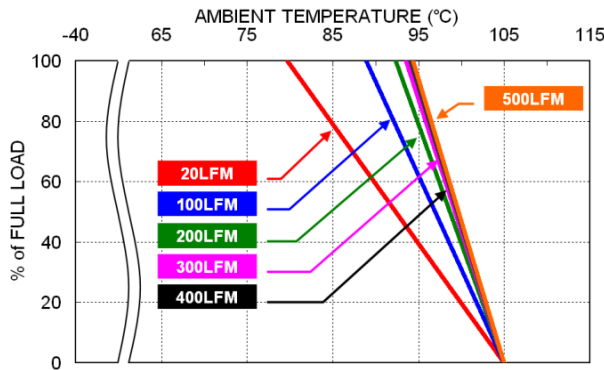
Efficiency versus Output Load



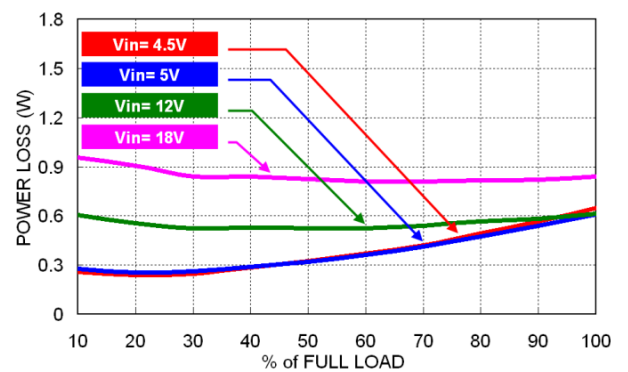
Efficiency versus Input Voltage



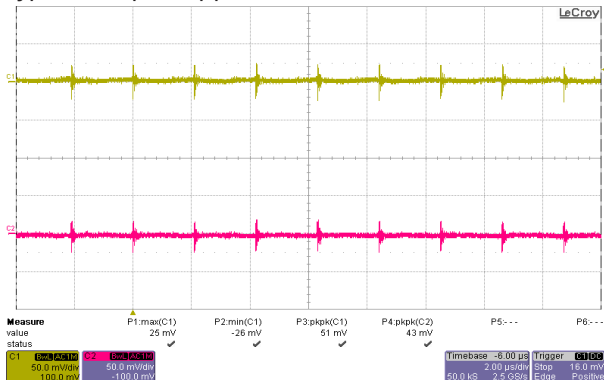
Derating Output Load versus Ambient Temperature



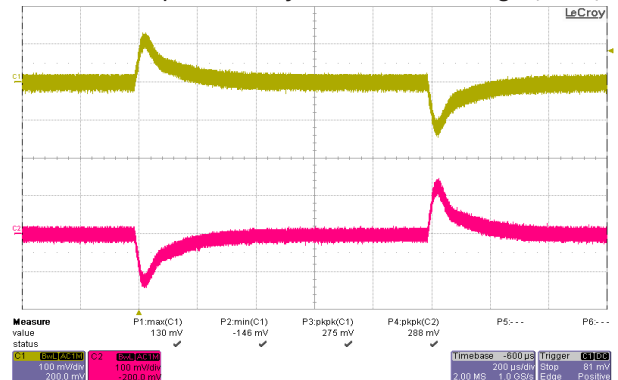
Power Dissipation versus Output Load



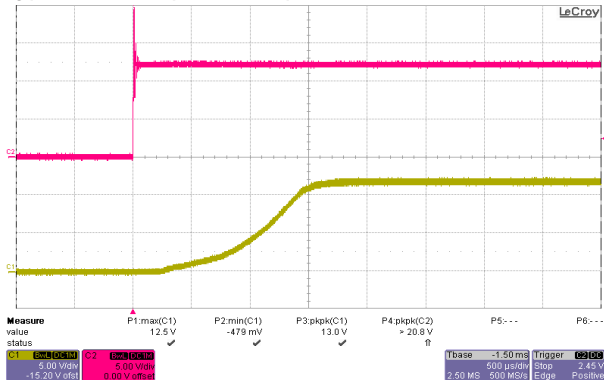
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

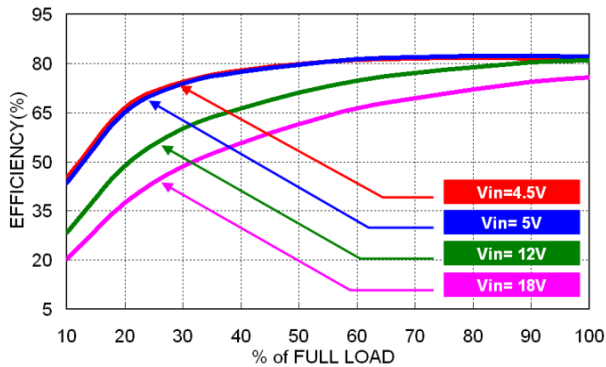


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

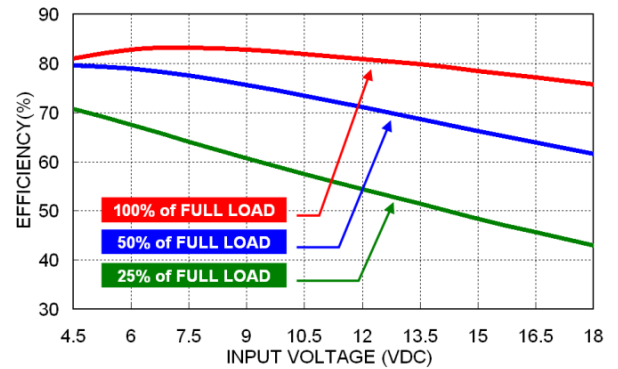


### TEC 3-1223WI

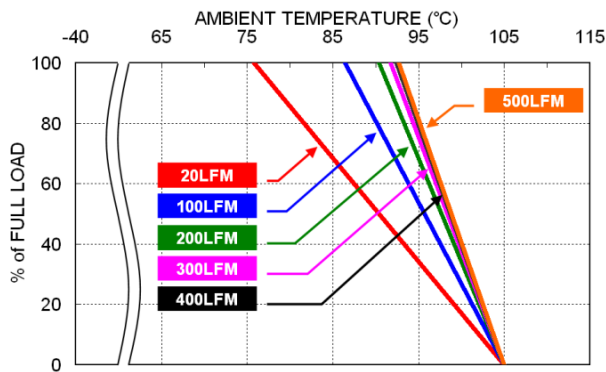
Efficiency versus Output Load



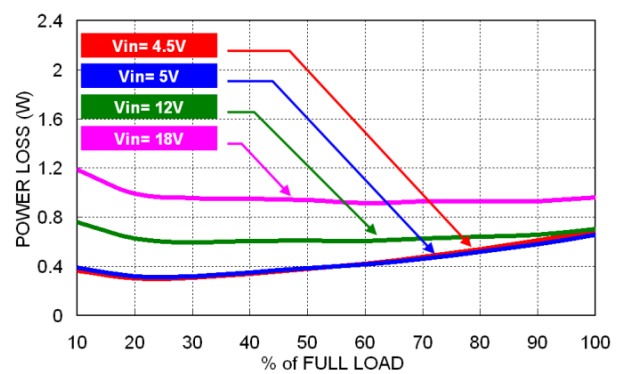
Efficiency versus Input Voltage



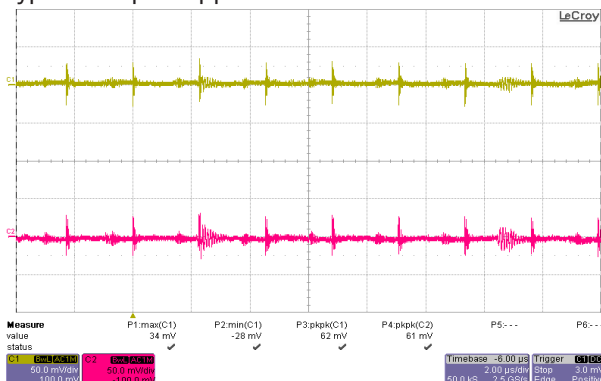
Derating Output Load versus Ambient Temperature



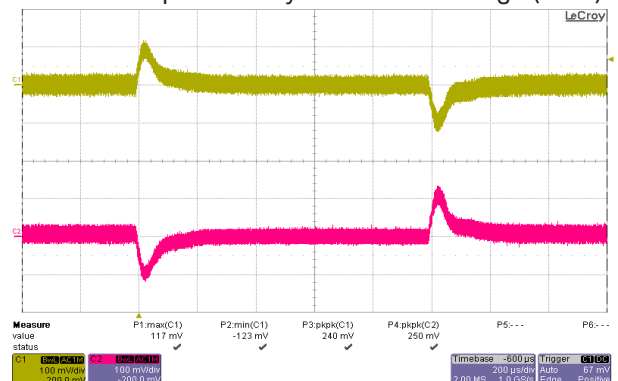
Power Dissipation versus Output Load



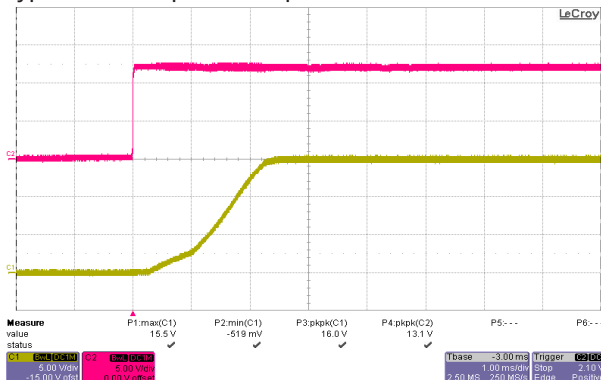
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



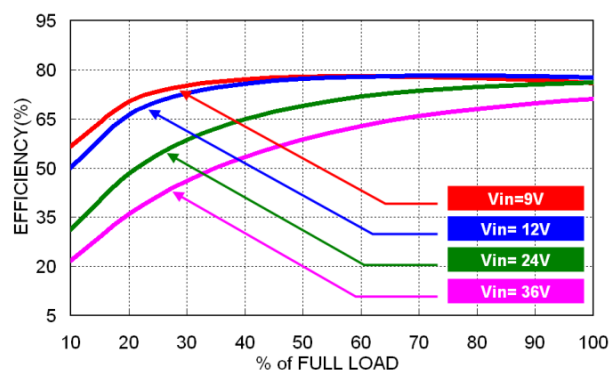
Typical Start-Up and Output Rise Characteristic



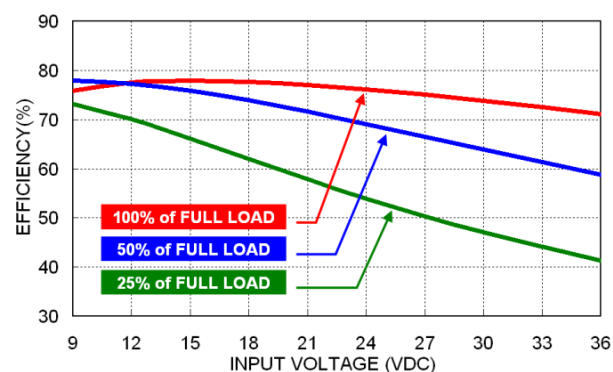
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2410WI

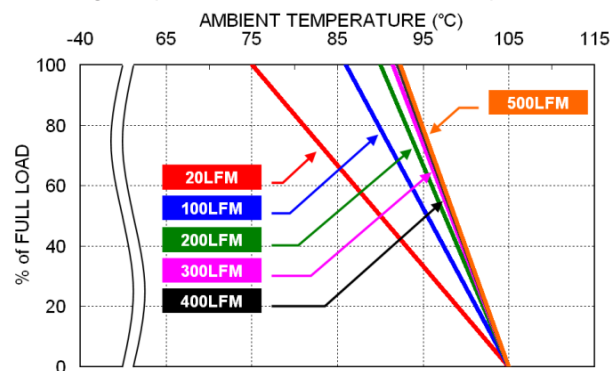
Efficiency versus Output Load



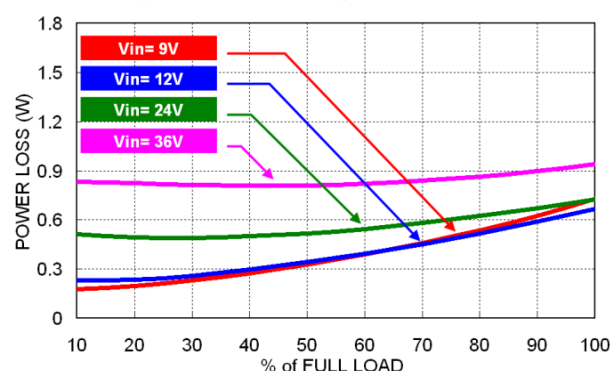
Efficiency versus Input Voltage



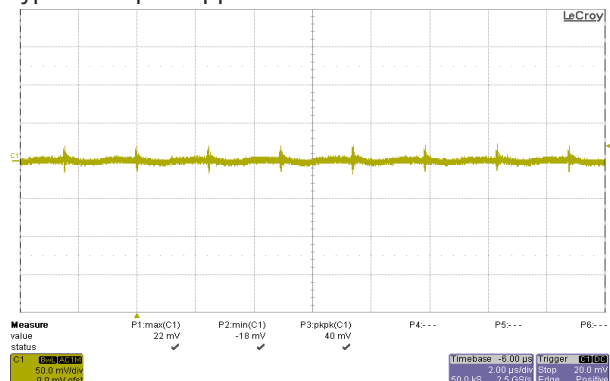
Derating Output Load versus Ambient Temperature



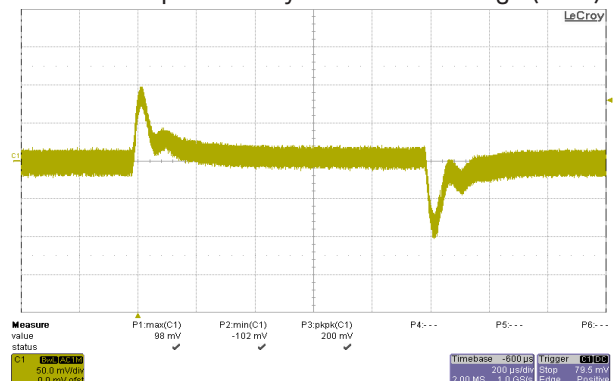
Power Dissipation versus Output Load



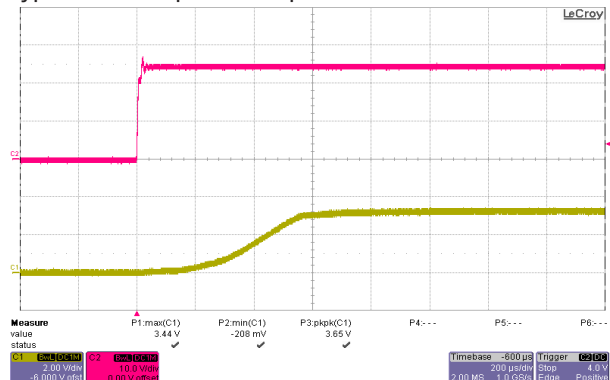
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



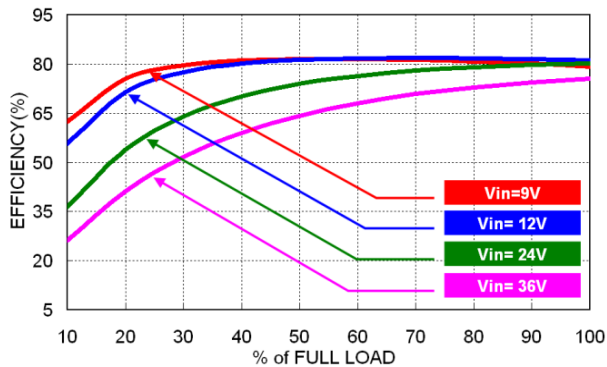
Typical Start-Up and Output Rise Characteristic



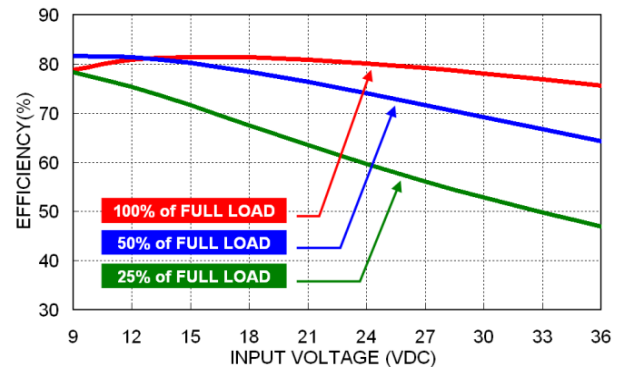
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2411WI

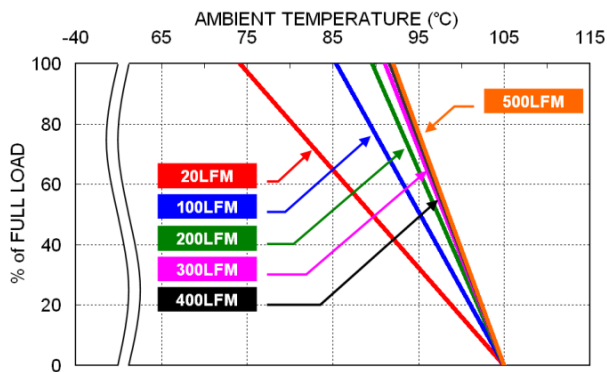
Efficiency versus Output Load



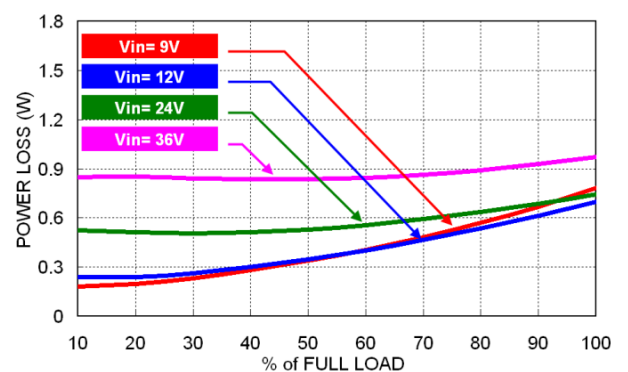
Efficiency versus Input Voltage



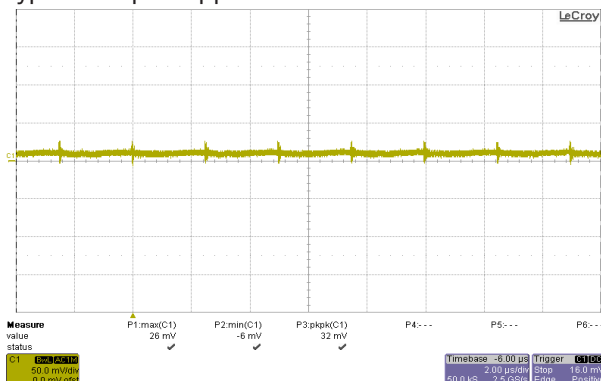
Derating Output Load versus Ambient Temperature



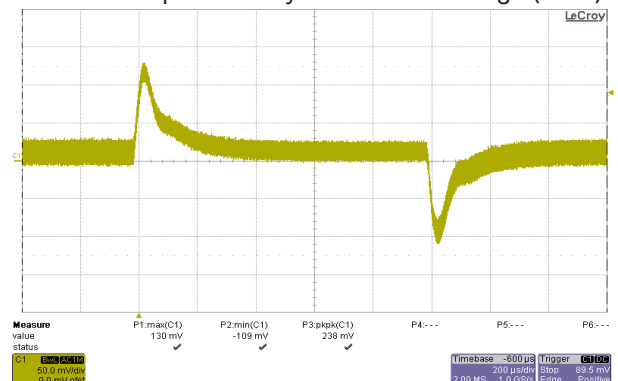
Power Dissipation versus Output Load



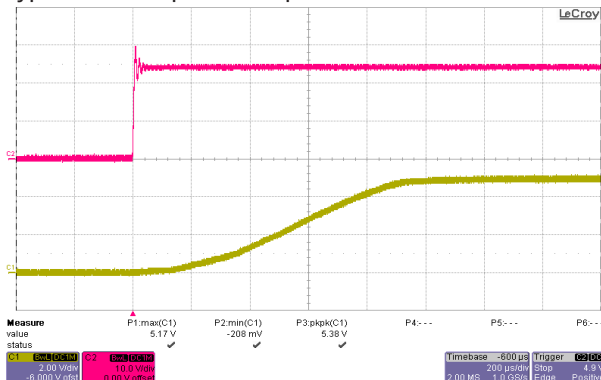
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



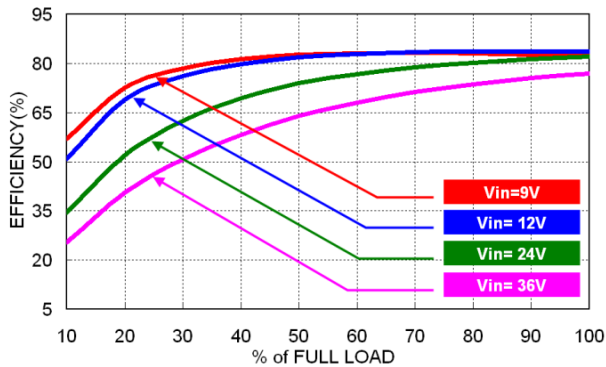
Typical Start-Up and Output Rise Characteristic



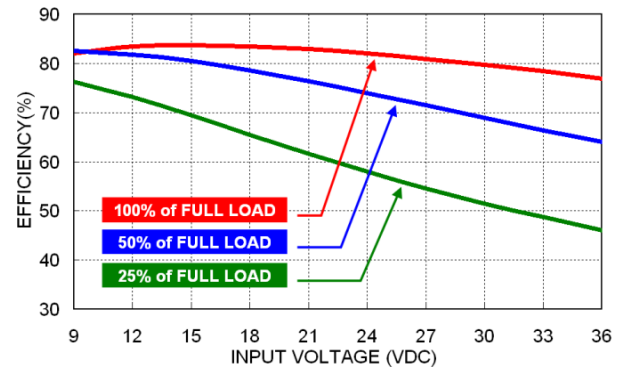
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2419WI

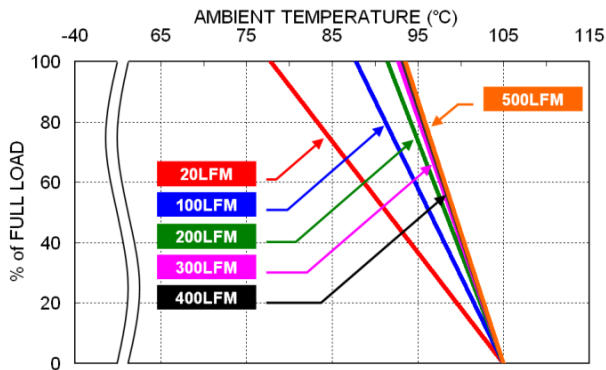
Efficiency versus Output Load



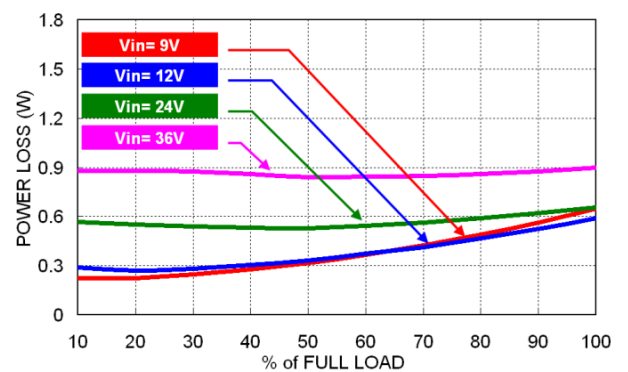
Efficiency versus Input Voltage



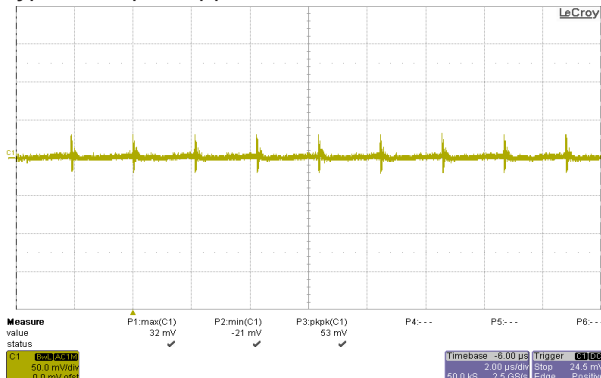
Derating Output Load versus Ambient Temperature



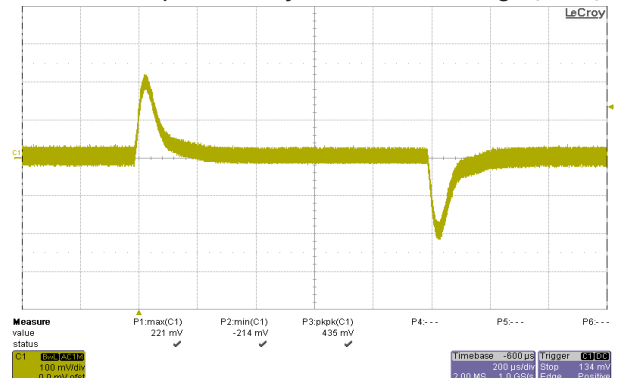
Power Dissipation versus Output Load



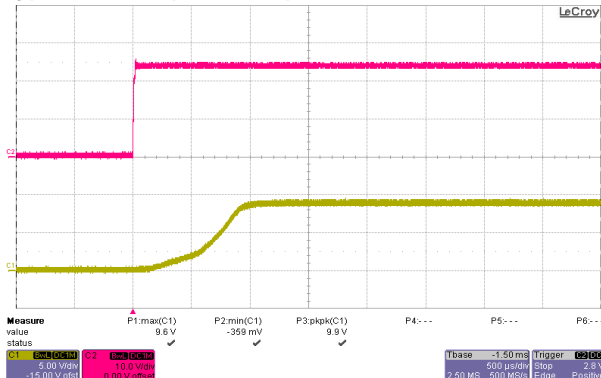
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



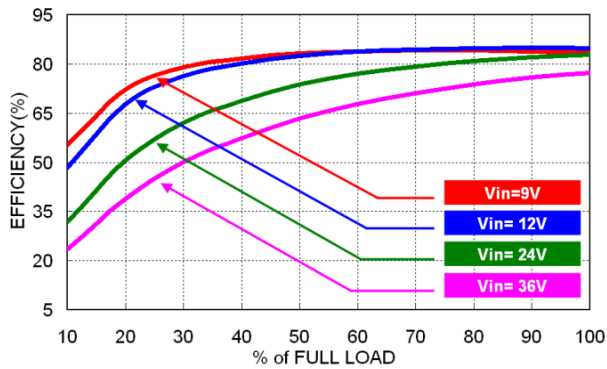
Typical Start-Up and Output Rise Characteristic



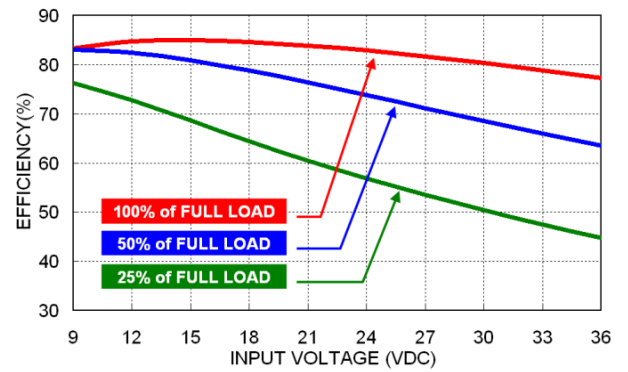
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2412WI

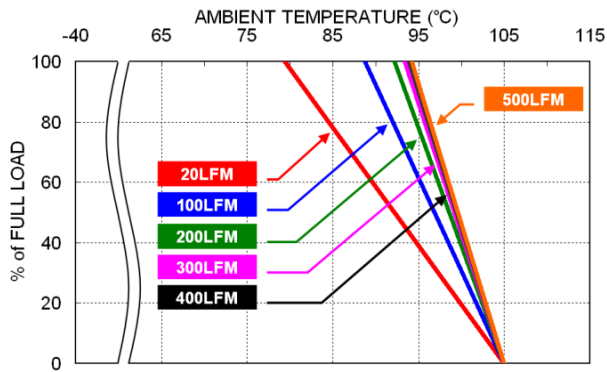
Efficiency versus Output Load



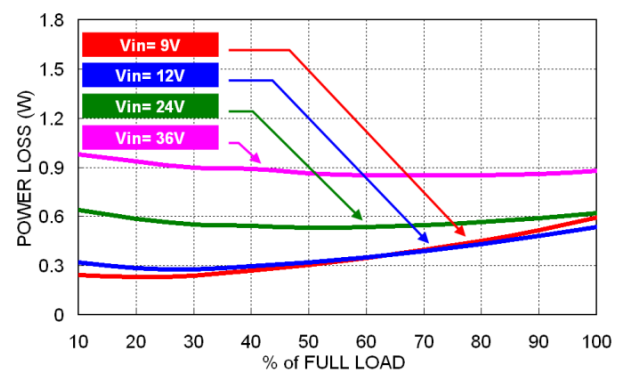
Efficiency versus Input Voltage



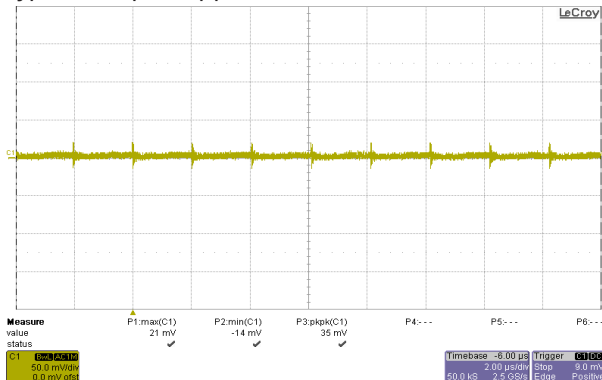
Derating Output Load versus Ambient Temperature



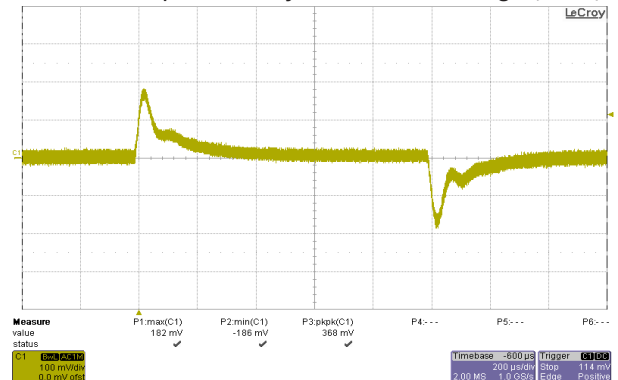
Power Dissipation versus Output Load



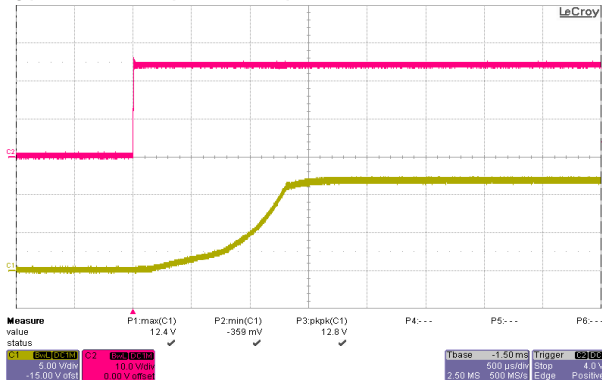
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



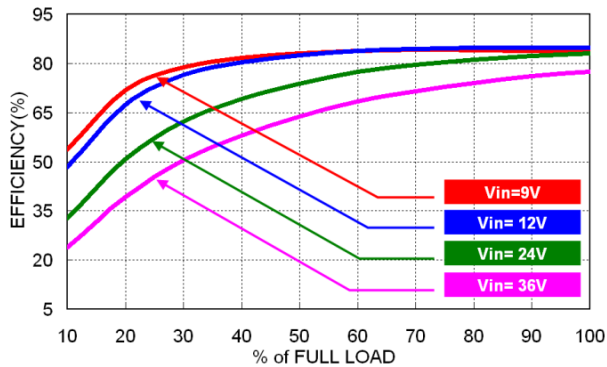
Typical Start-Up and Output Rise Characteristic



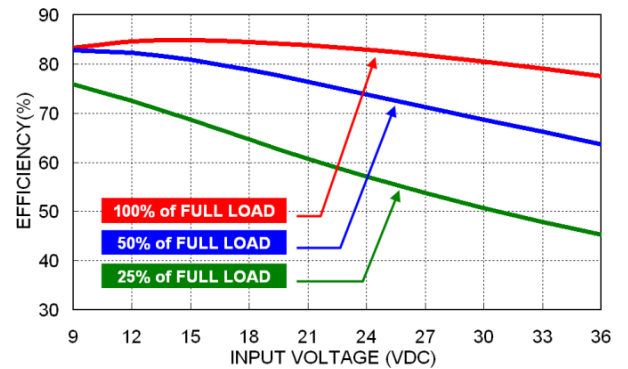
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2413WI

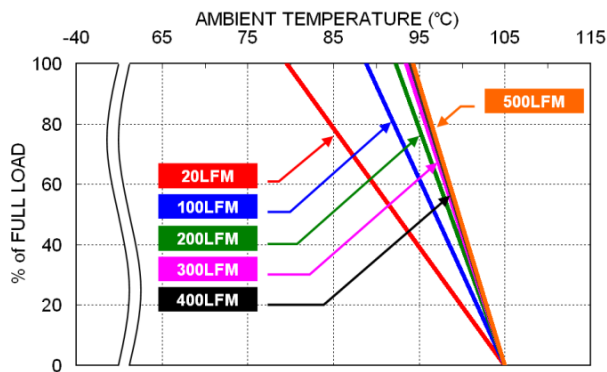
Efficiency versus Output Load



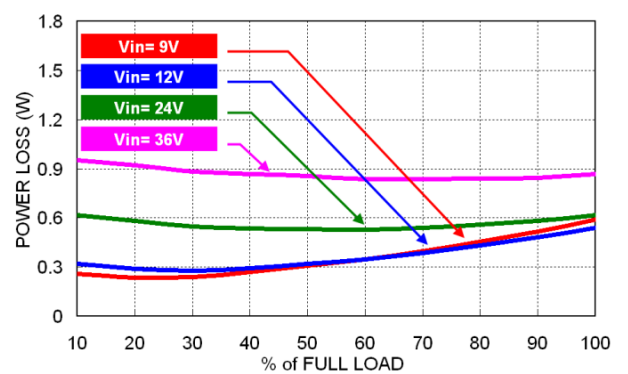
Efficiency versus Input Voltage



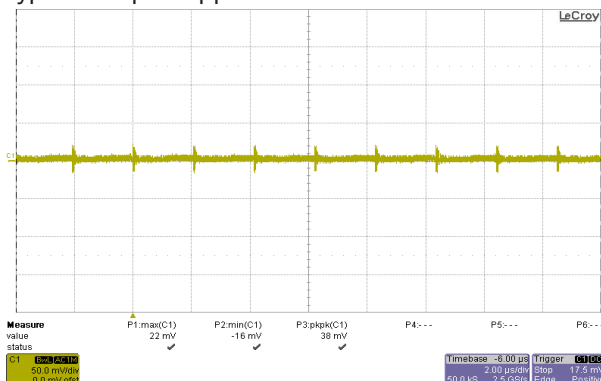
Derating Output Load versus Ambient Temperature



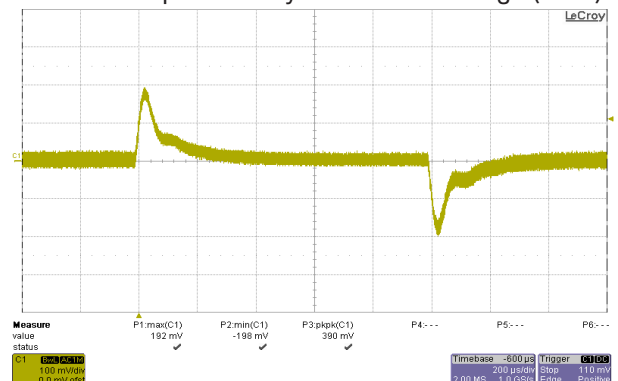
Power Dissipation versus Output Load



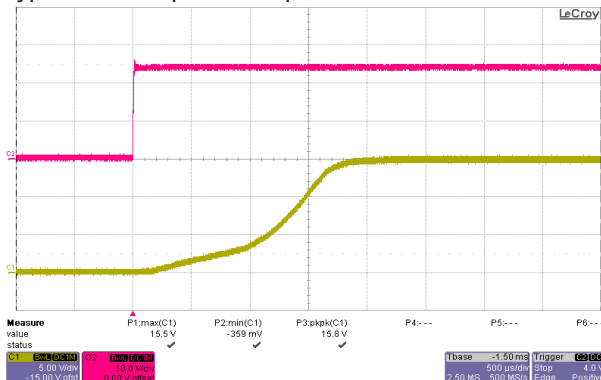
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



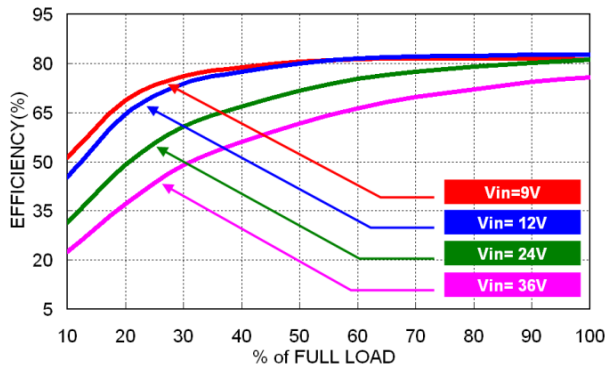
Typical Start-Up and Output Rise Characteristic



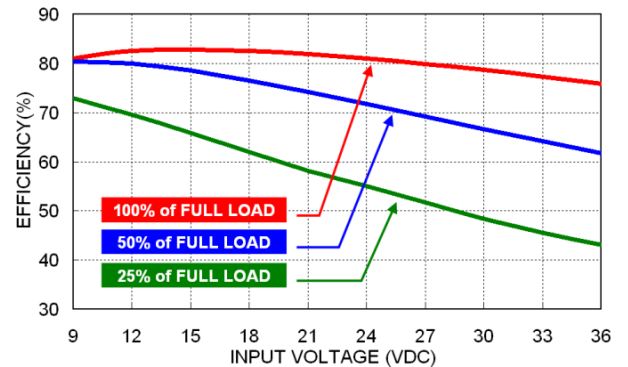
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2415WI

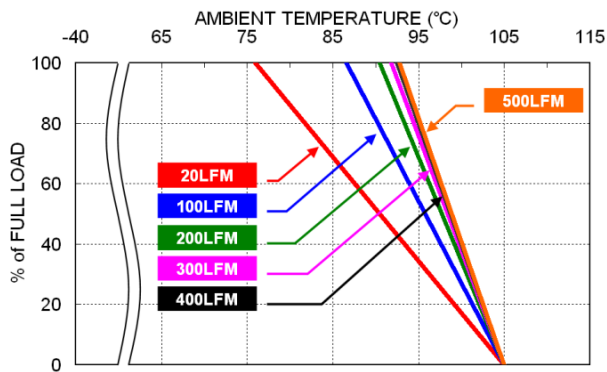
Efficiency versus Output Load



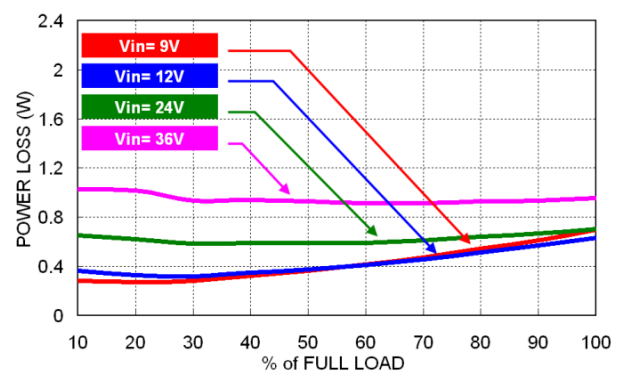
Efficiency versus Input Voltage



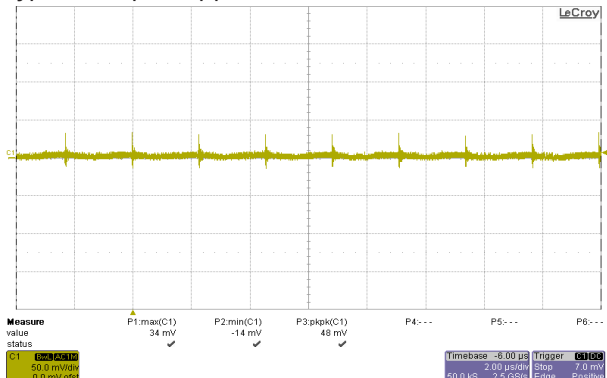
Derating Output Load versus Ambient Temperature



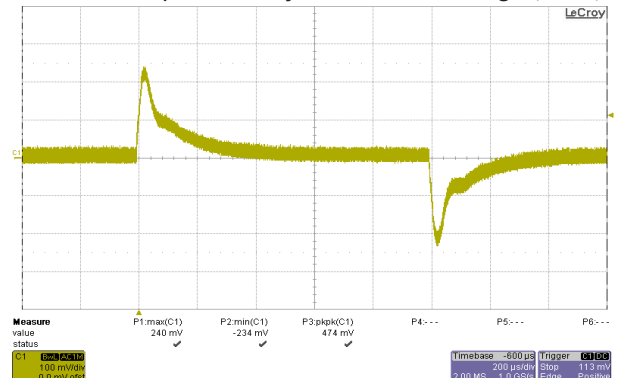
Power Dissipation versus Output Load



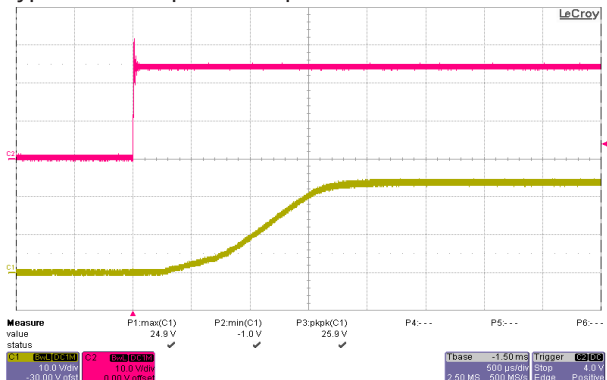
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

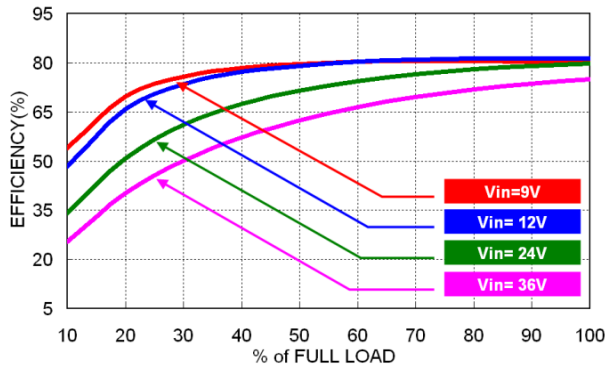


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

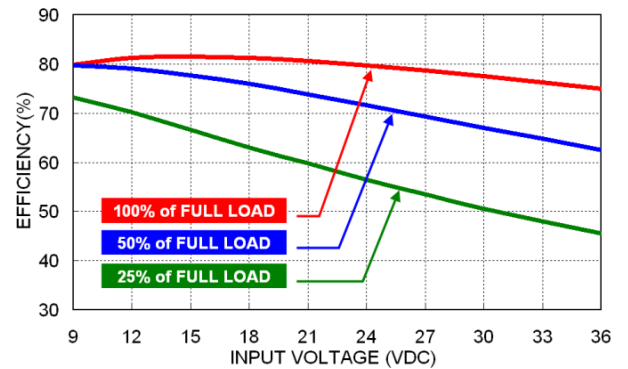


### TEC 3-2421WI

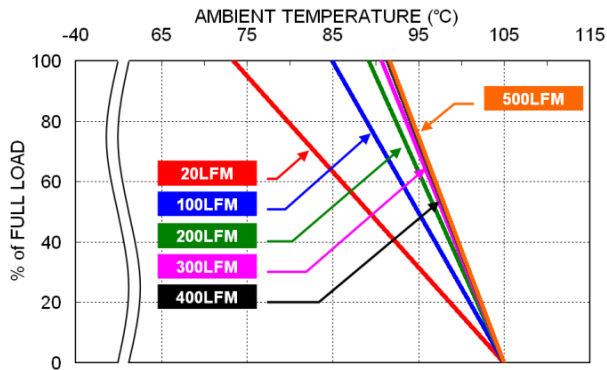
Efficiency versus Output Load



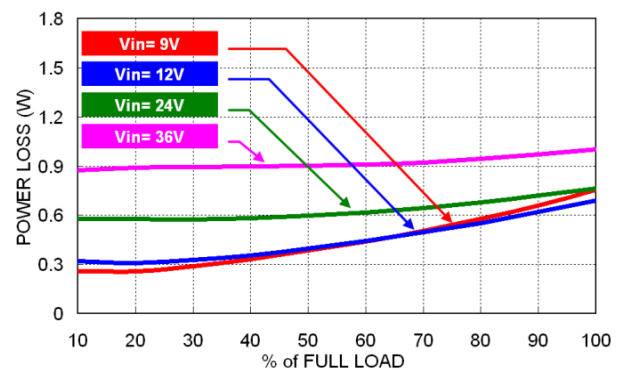
Efficiency versus Input Voltage



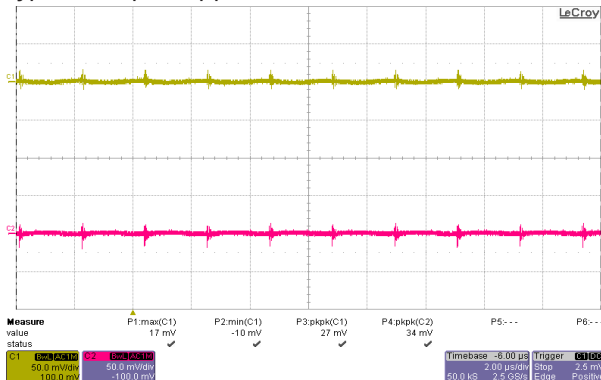
Derating Output Load versus Ambient Temperature



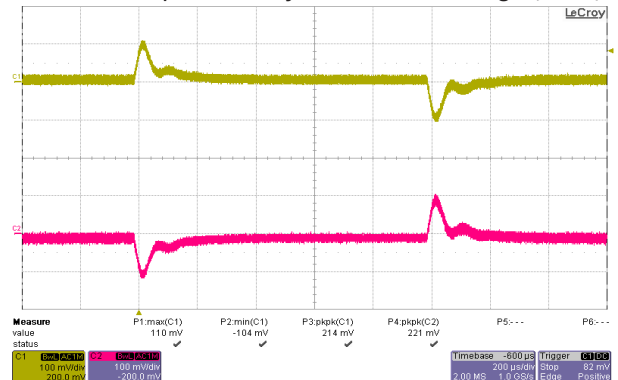
Power Dissipation versus Output Load



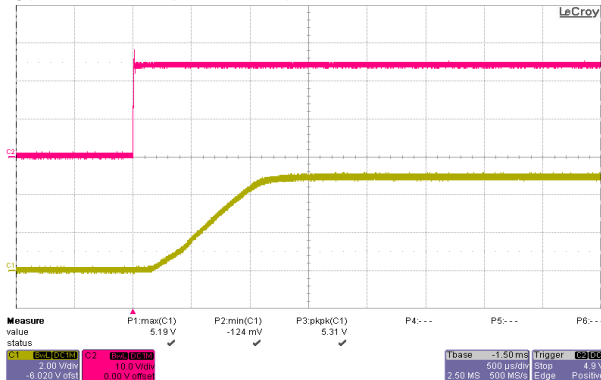
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



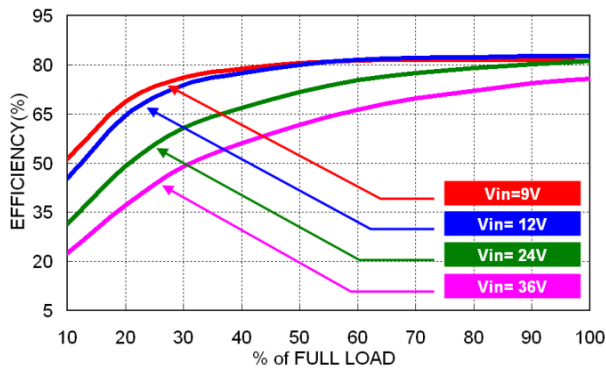
Typical Start-Up and Output Rise Characteristic



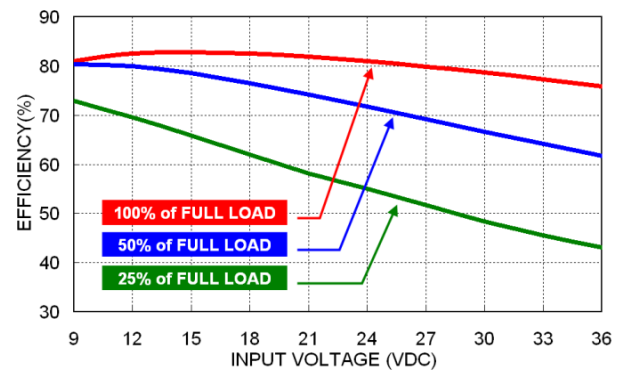
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2422WI

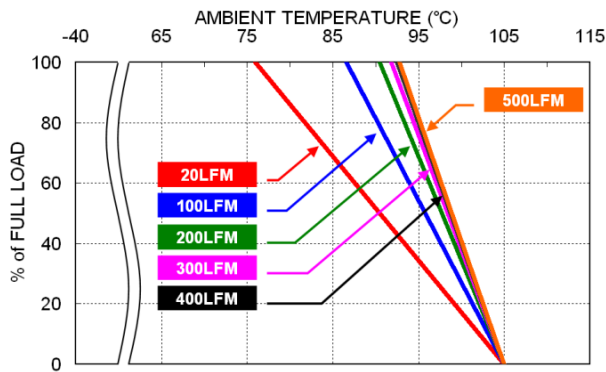
Efficiency versus Output Load



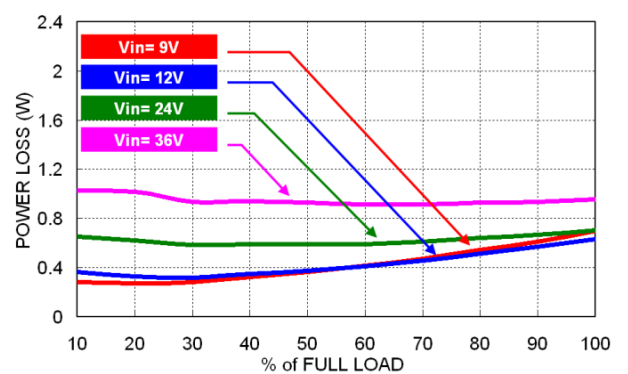
Efficiency versus Input Voltage



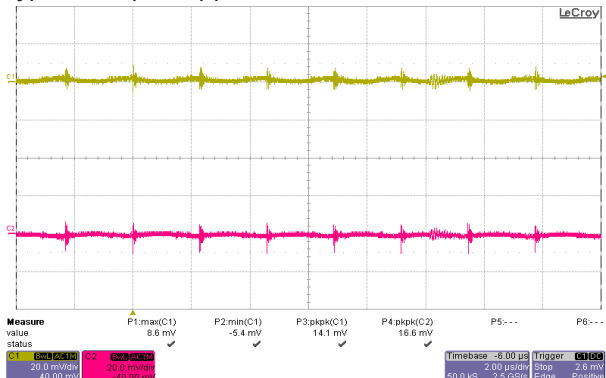
Derating Output Load versus Ambient Temperature



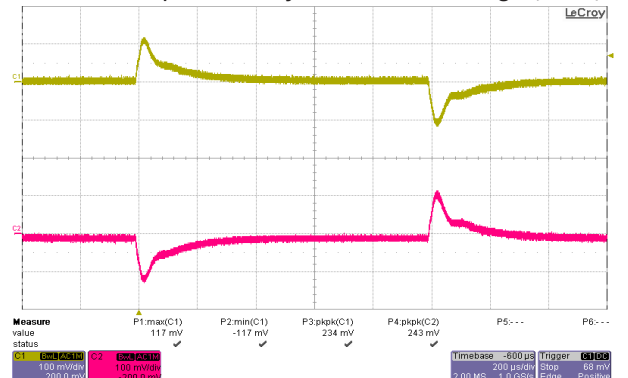
Power Dissipation versus Output Load



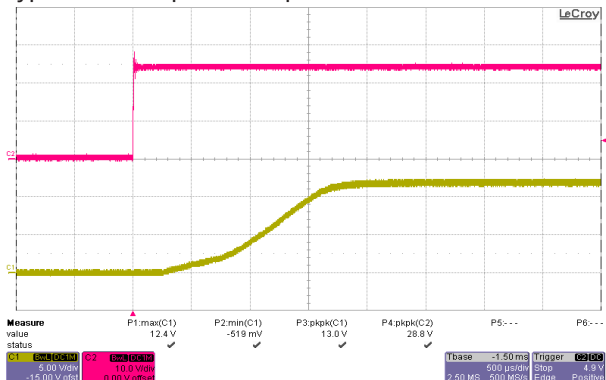
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



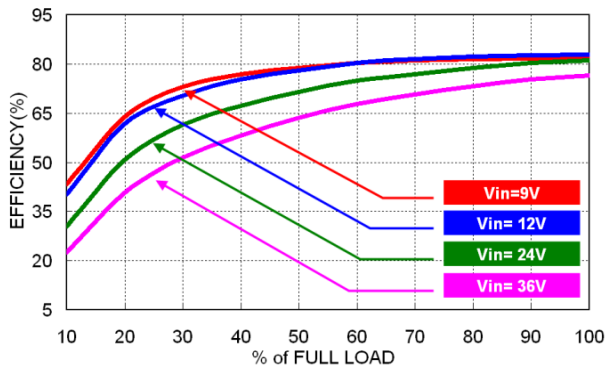
Typical Start-Up and Output Rise Characteristic



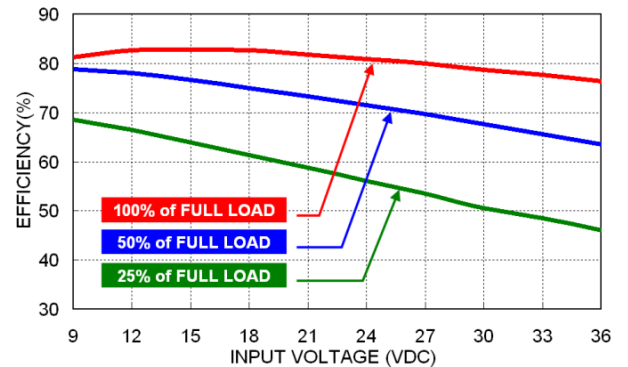
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-2423WI

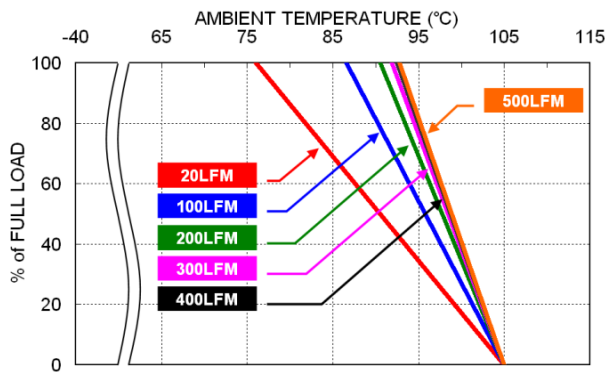
Efficiency versus Output Load



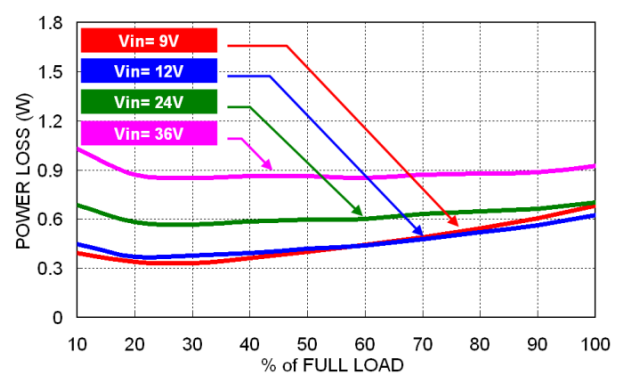
Efficiency versus Input Voltage



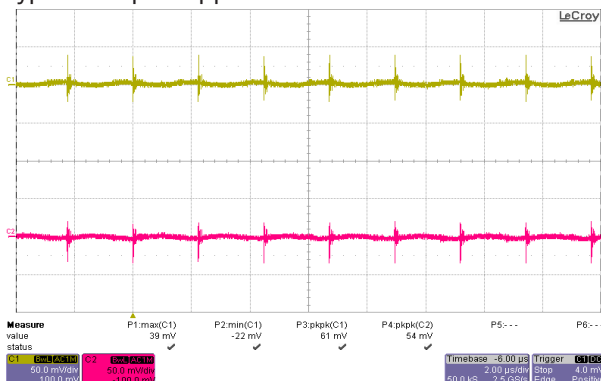
Derating Output Load versus Ambient Temperature



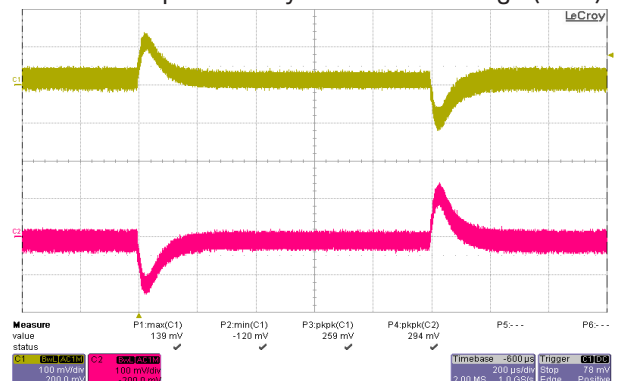
Power Dissipation versus Output Load



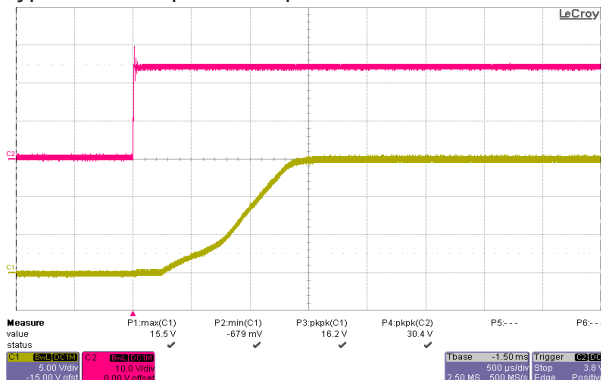
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



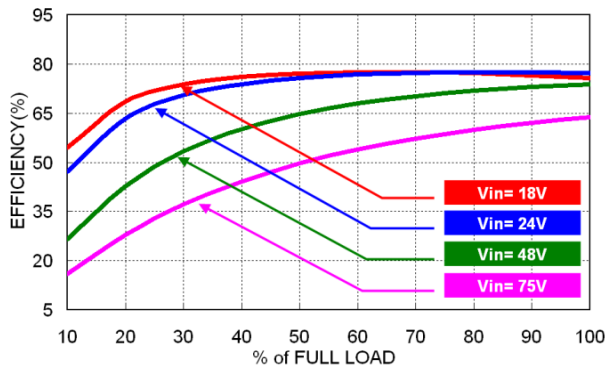
Typical Start-Up and Output Rise Characteristic



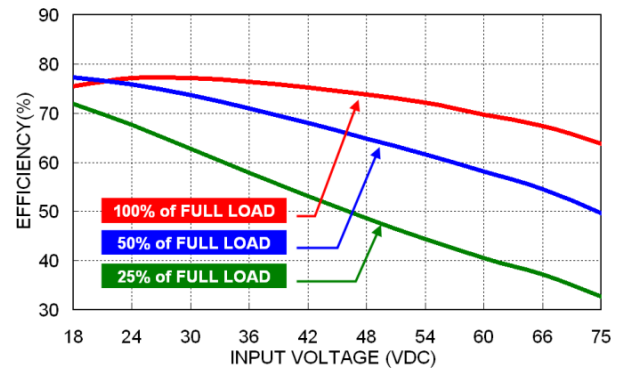
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4810WI

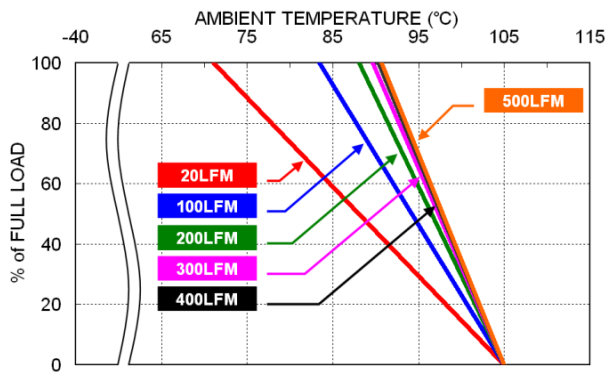
Efficiency versus Output Load



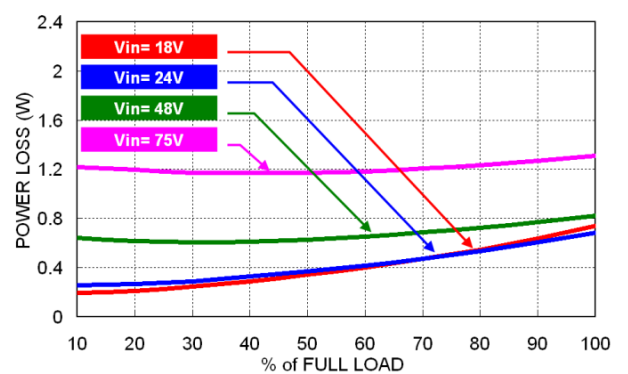
Efficiency versus Input Voltage



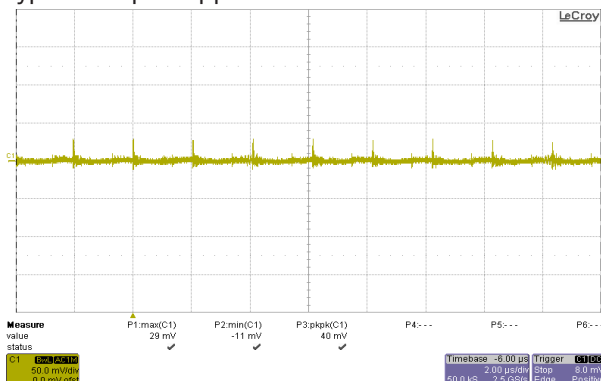
Derating Output Load versus Ambient Temperature



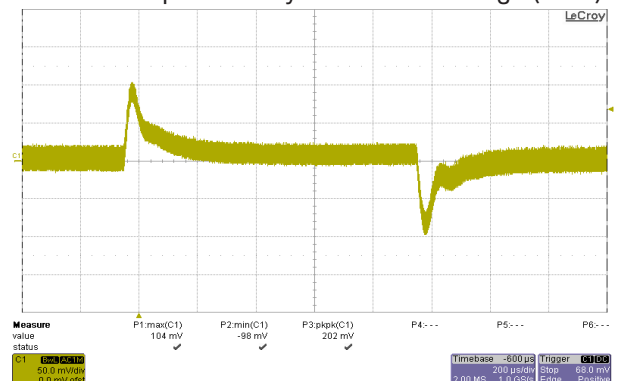
Power Dissipation versus Output Load



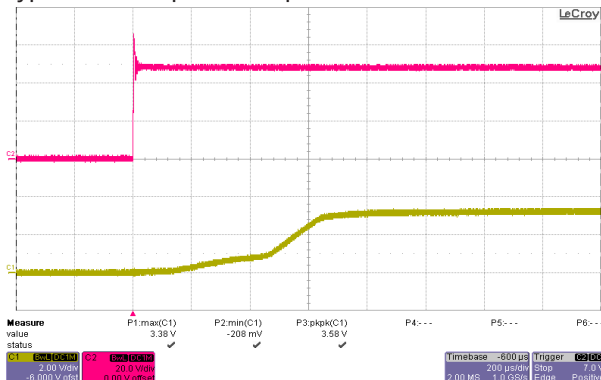
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



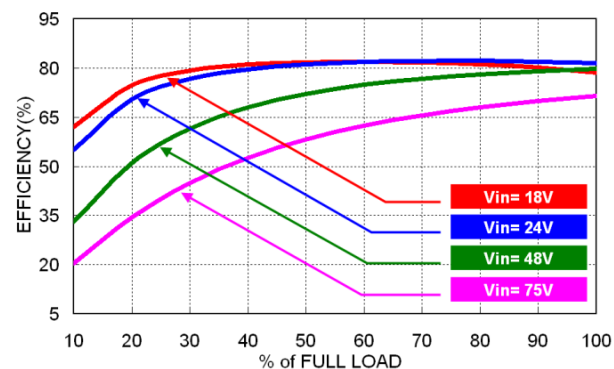
Typical Start-Up and Output Rise Characteristic



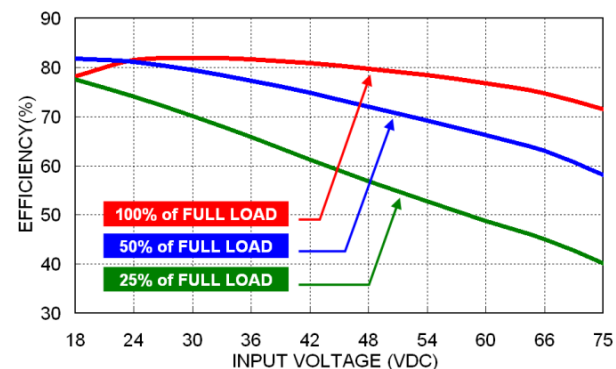
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4811WI

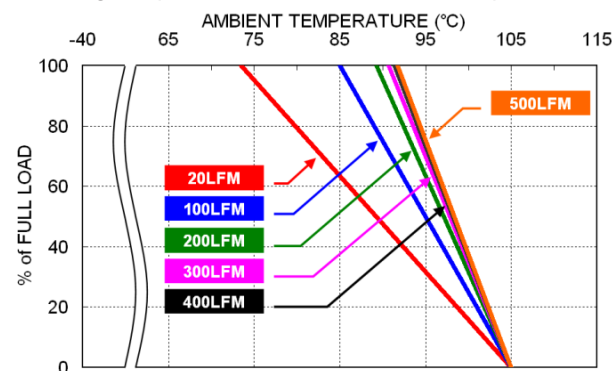
Efficiency versus Output Load



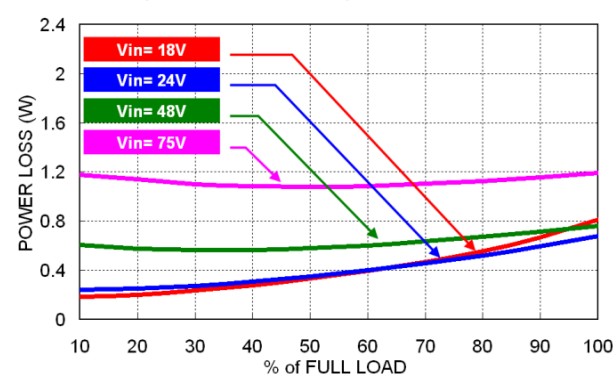
Efficiency versus Input Voltage



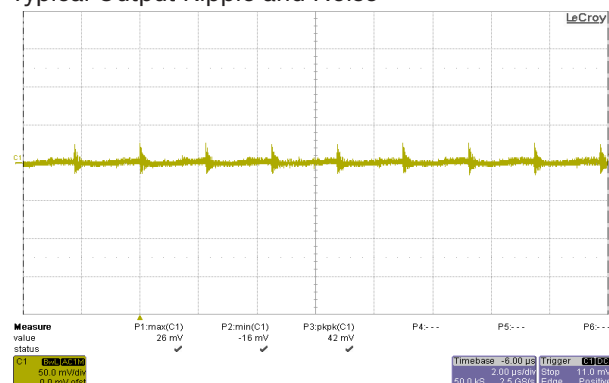
Derating Output Load versus Ambient Temperature



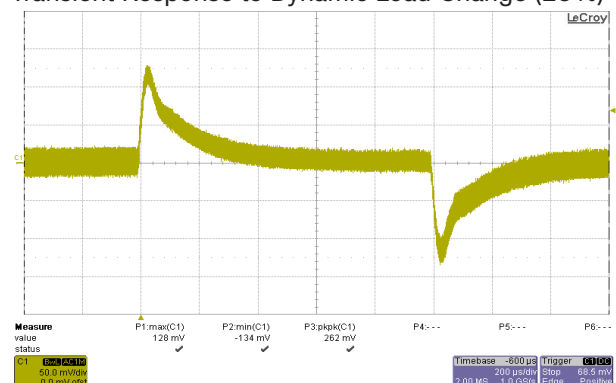
Power Dissipation versus Output Load



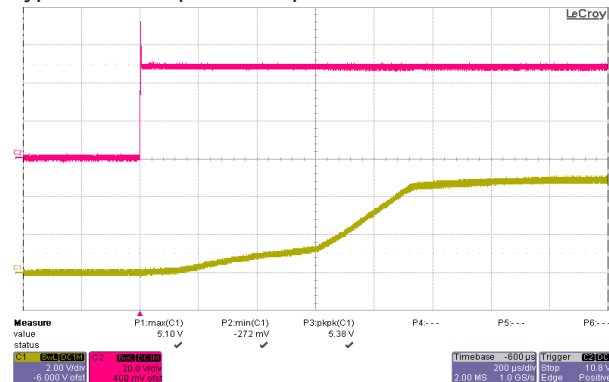
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



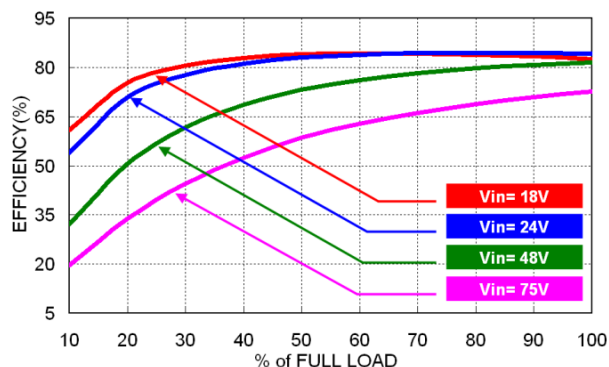
Typical Start-Up and Output Rise Characteristic



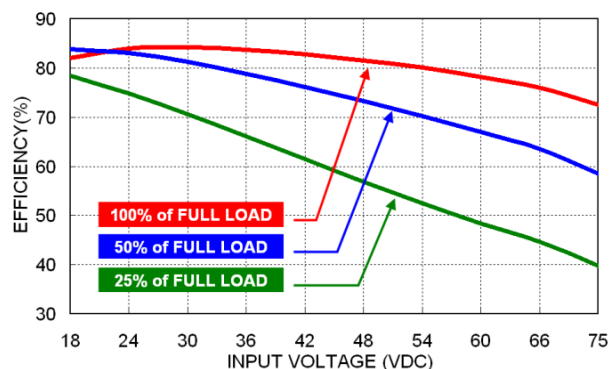
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4819WI

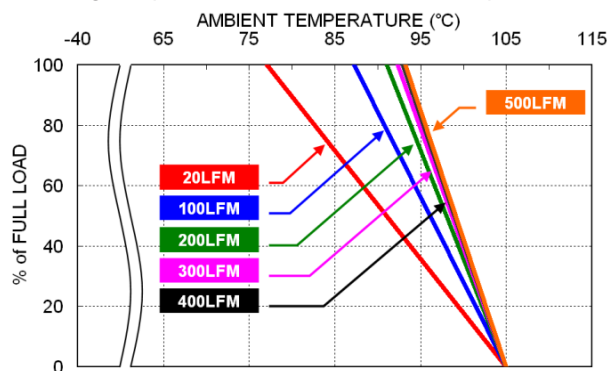
Efficiency versus Output Load



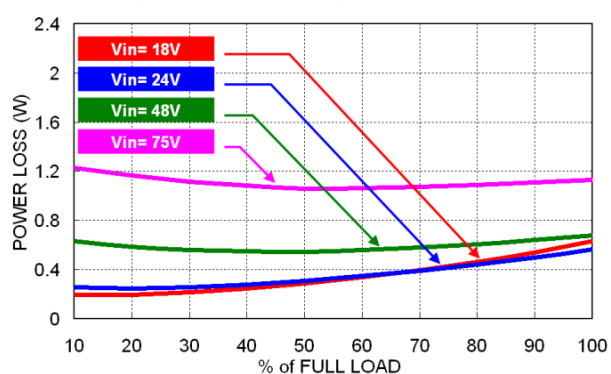
Efficiency versus Input Voltage



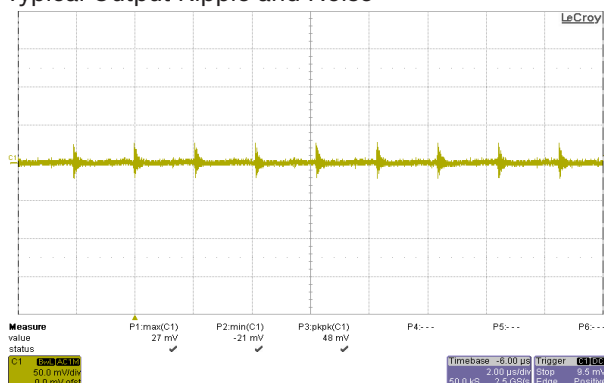
Derating Output Load versus Ambient Temperature



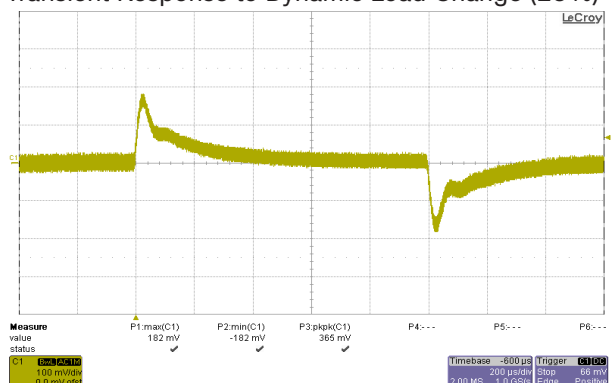
Power Dissipation versus Output Load



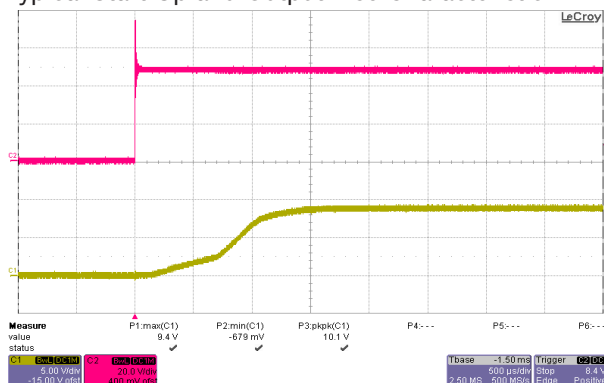
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



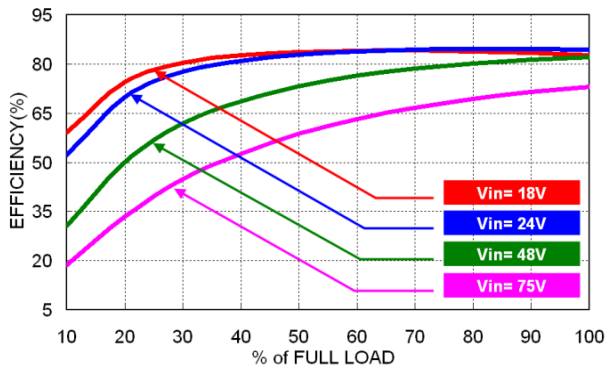
Typical Start-Up and Output Rise Characteristic



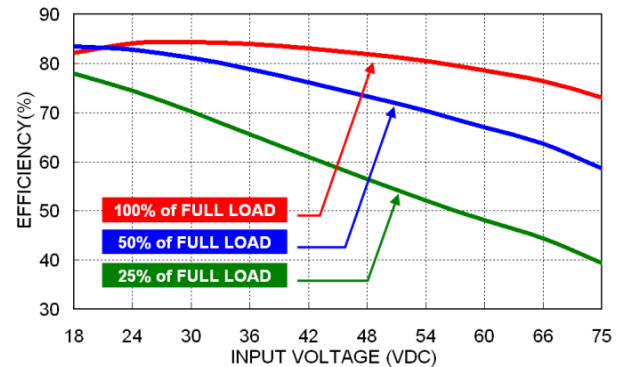
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4812WI

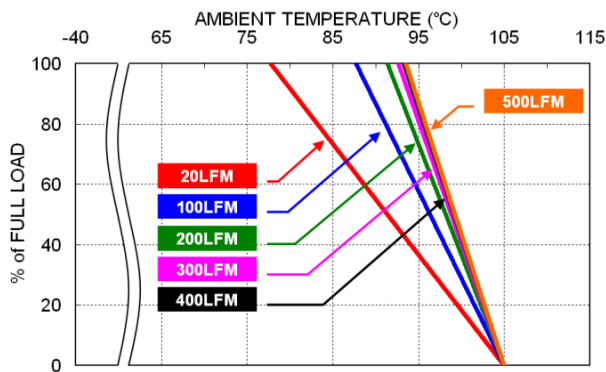
Efficiency versus Output Load



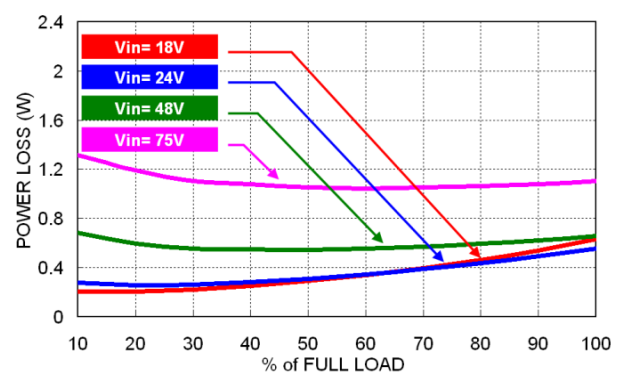
Efficiency versus Input Voltage



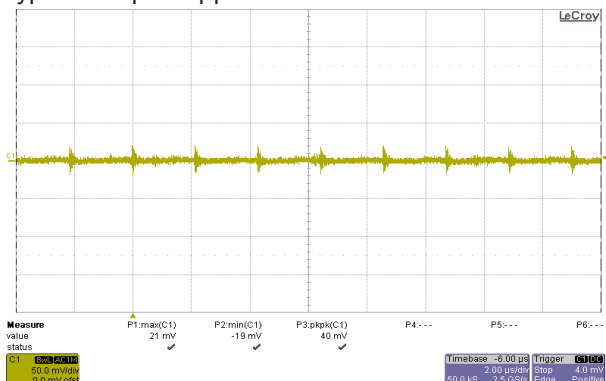
Derating Output Load versus Ambient Temperature



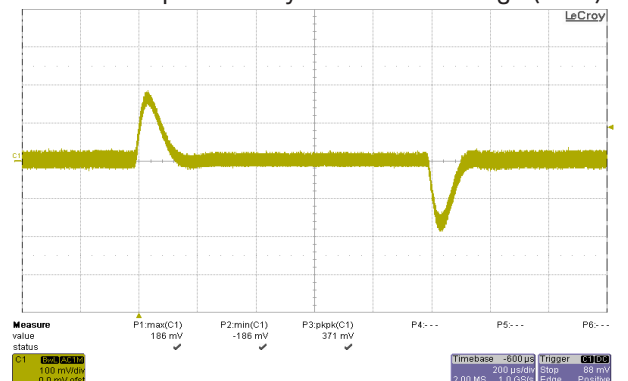
Power Dissipation versus Output Load



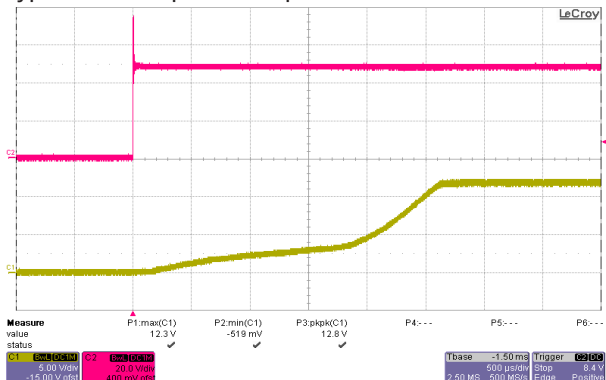
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

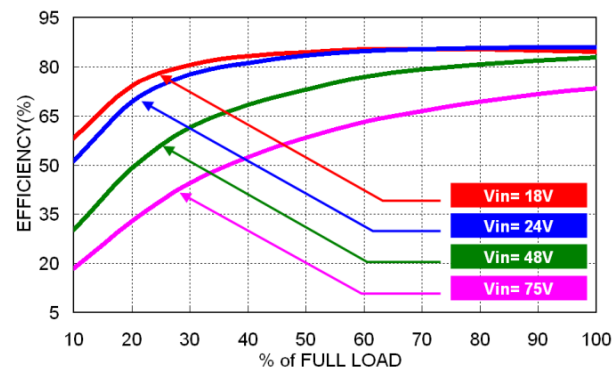


All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

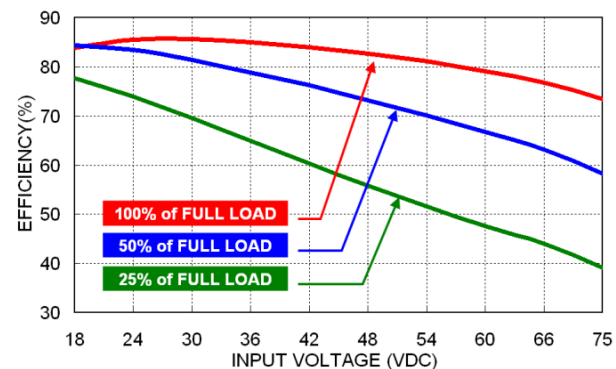


### TEC 3-4813WI

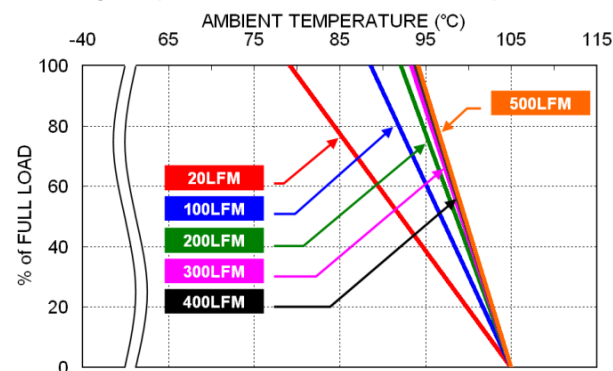
Efficiency versus Output Load



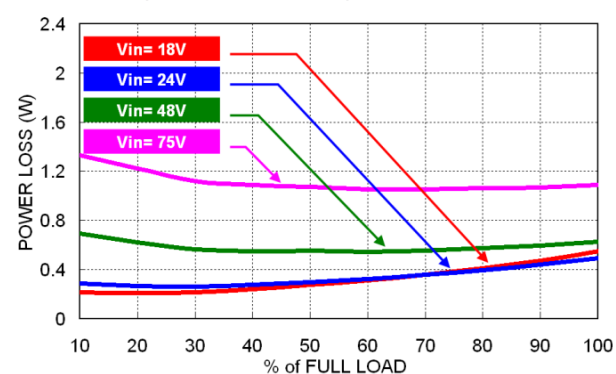
Efficiency versus Input Voltage



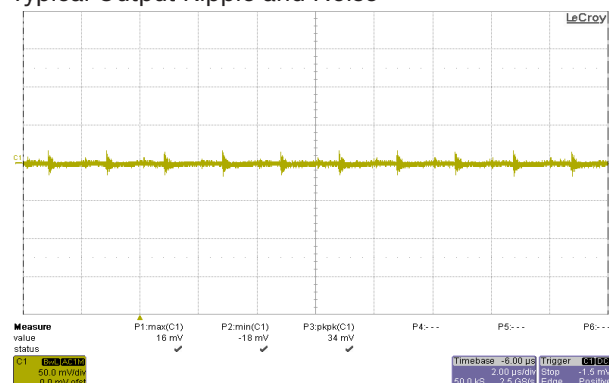
Derating Output Load versus Ambient Temperature



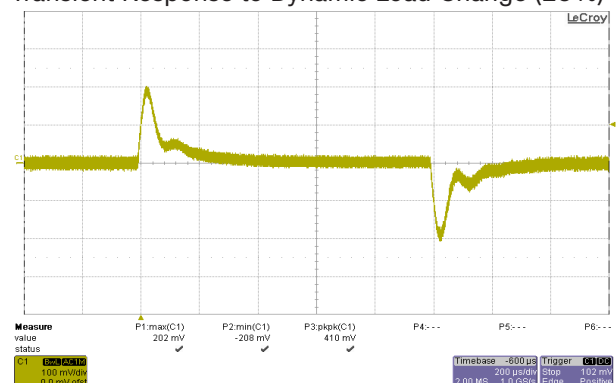
Power Dissipation versus Output Load



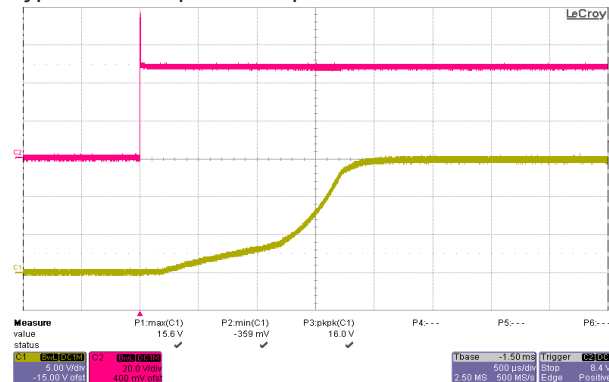
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



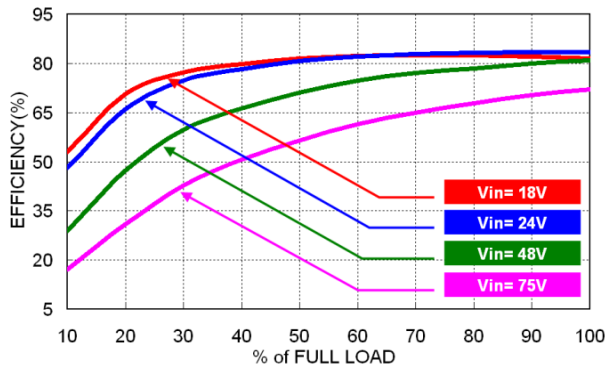
Typical Start-Up and Output Rise Characteristic



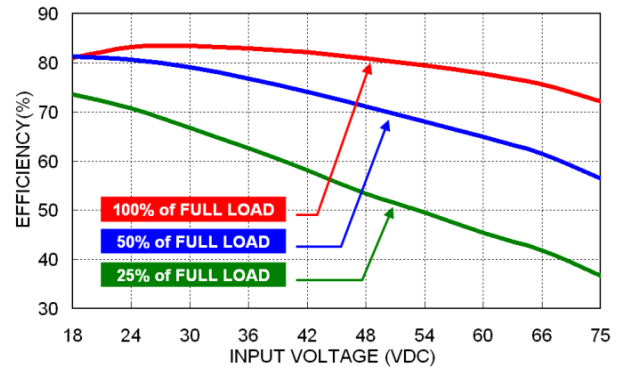
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4815WI

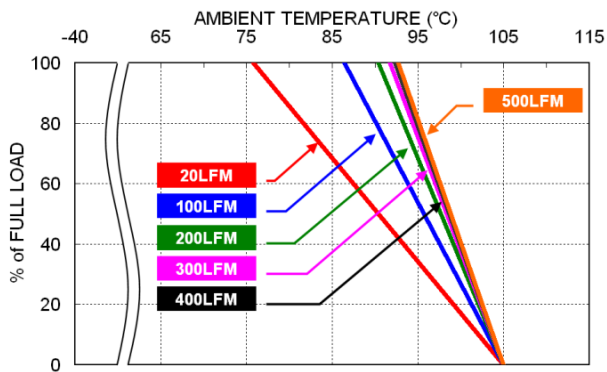
Efficiency versus Output Load



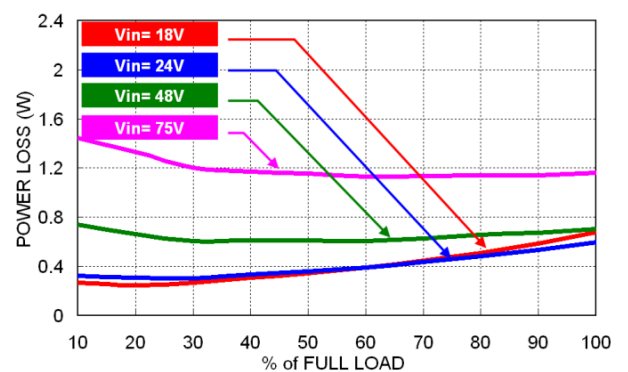
Efficiency versus Input Voltage



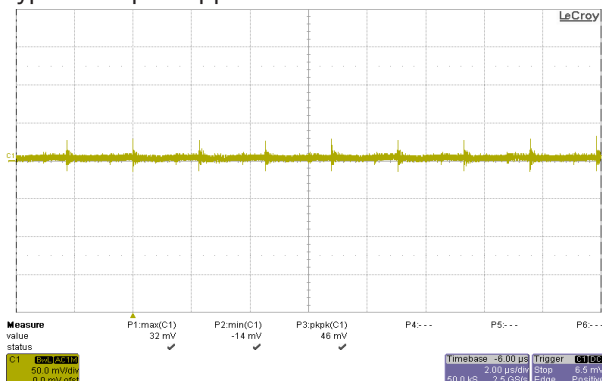
Derating Output Load versus Ambient Temperature



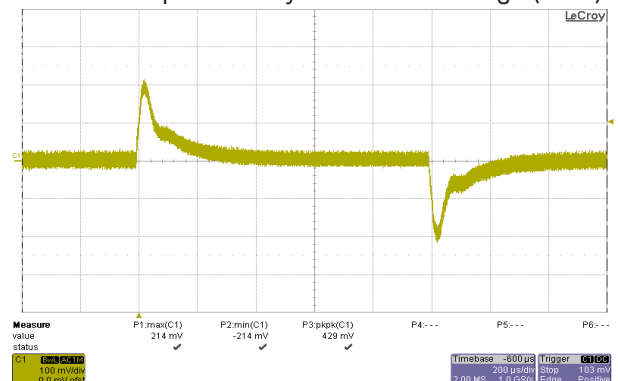
Power Dissipation versus Output Load



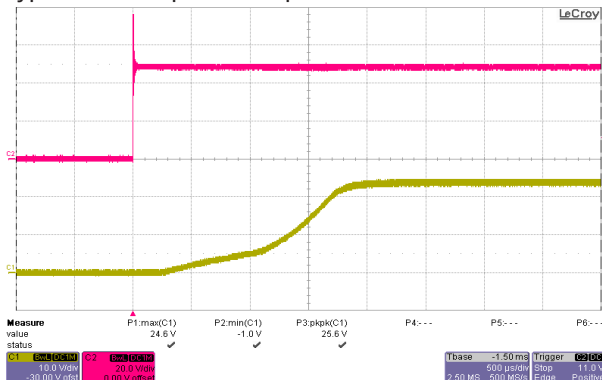
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



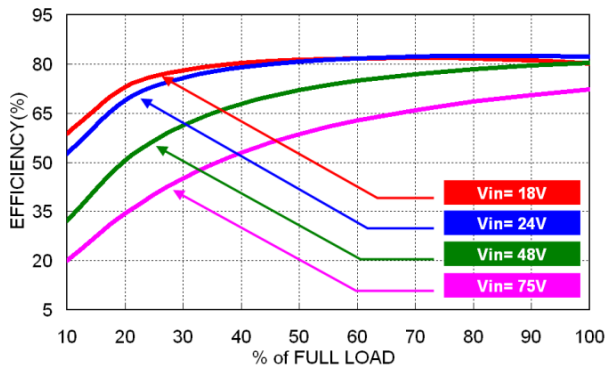
Typical Start-Up and Output Rise Characteristic



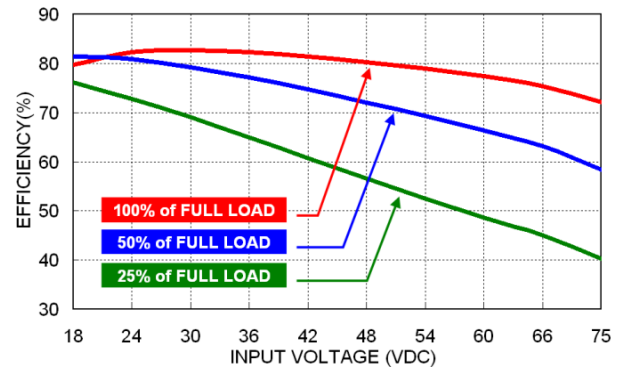
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4821WI

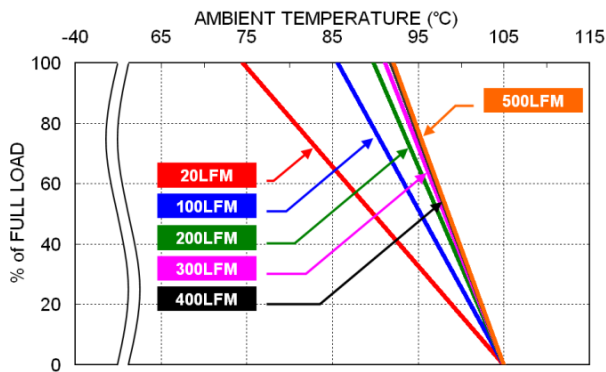
Efficiency versus Output Load



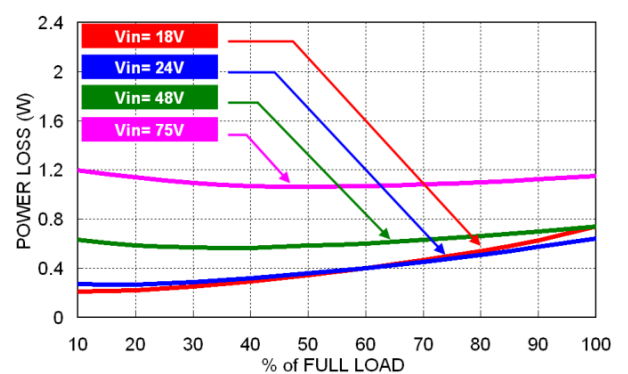
Efficiency versus Input Voltage



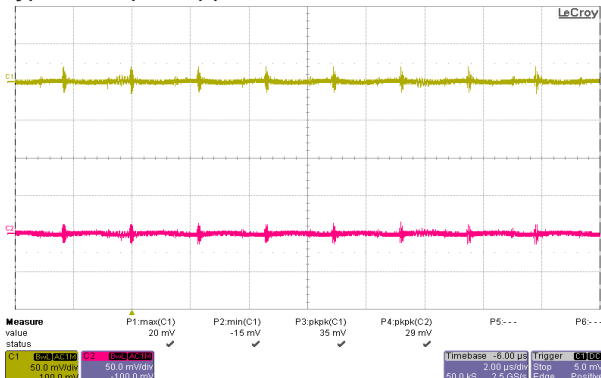
Derating Output Load versus Ambient Temperature



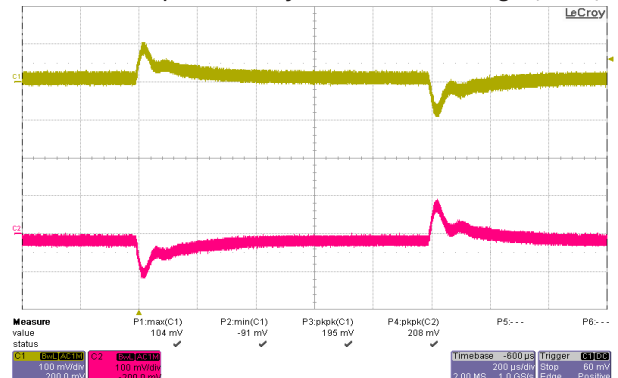
Power Dissipation versus Output Load



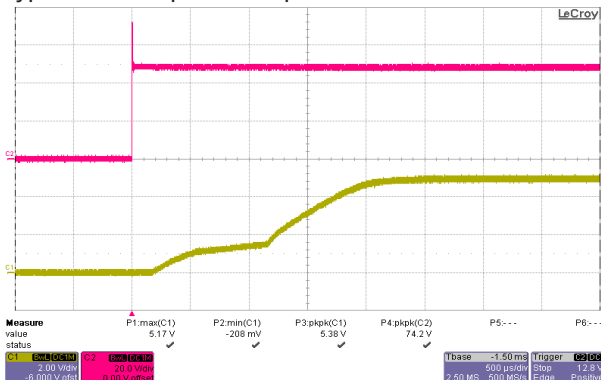
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



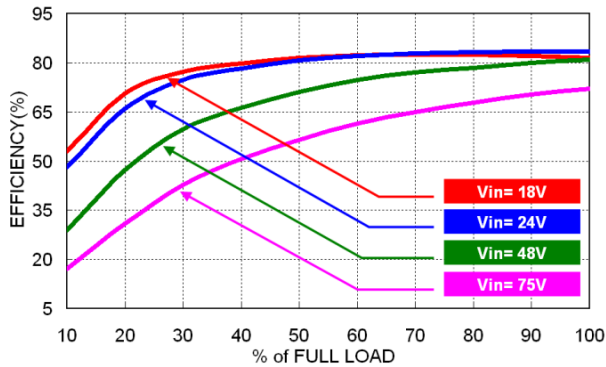
Typical Start-Up and Output Rise Characteristic



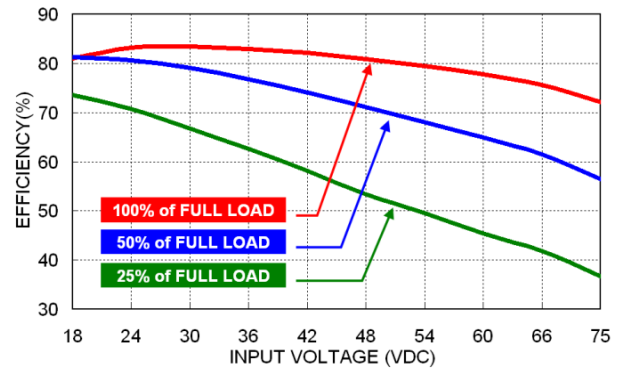
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4822WI

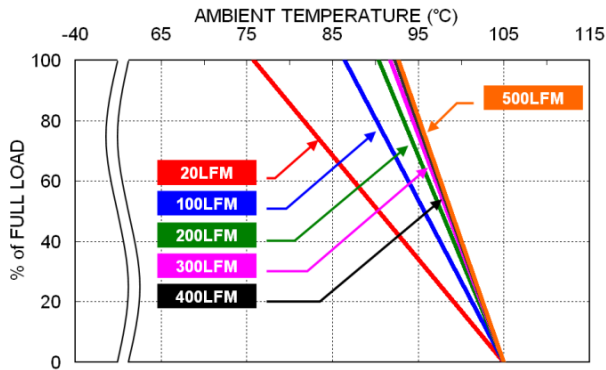
Efficiency versus Output Load



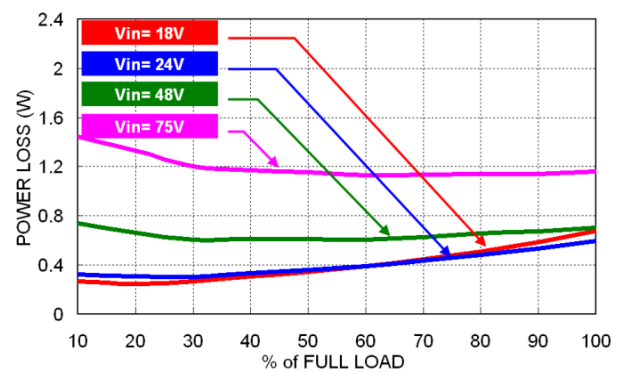
Efficiency versus Input Voltage



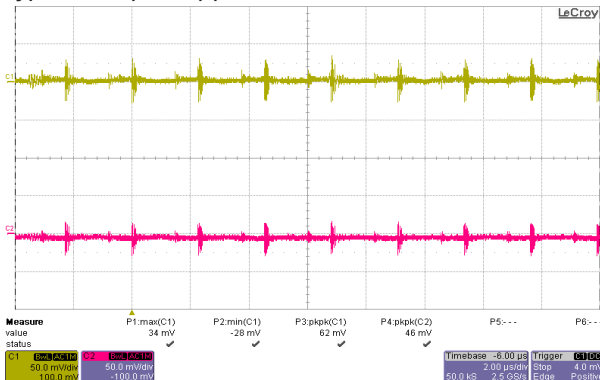
Derating Output Load versus Ambient Temperature



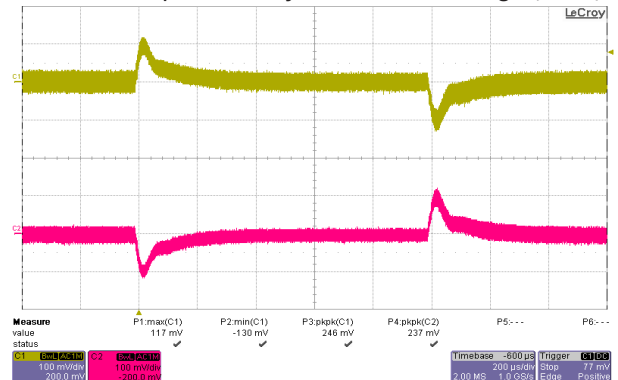
Power Dissipation versus Output Load



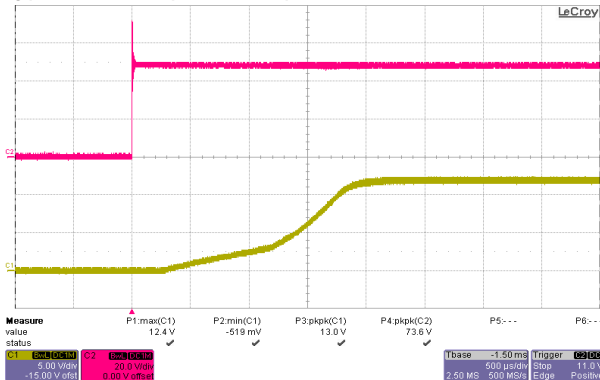
Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



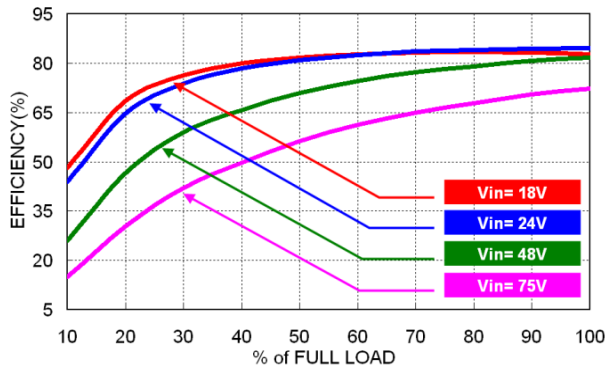
Typical Start-Up and Output Rise Characteristic



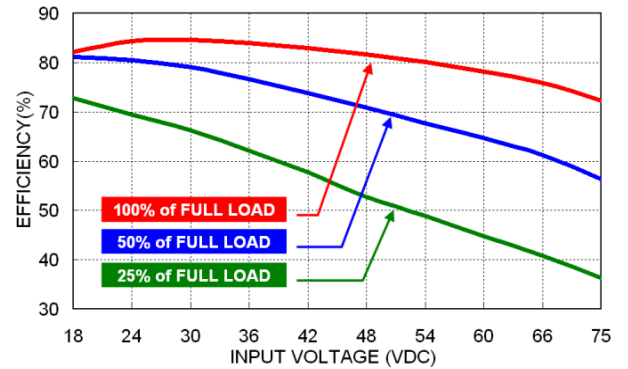
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TEC 3-4823WI

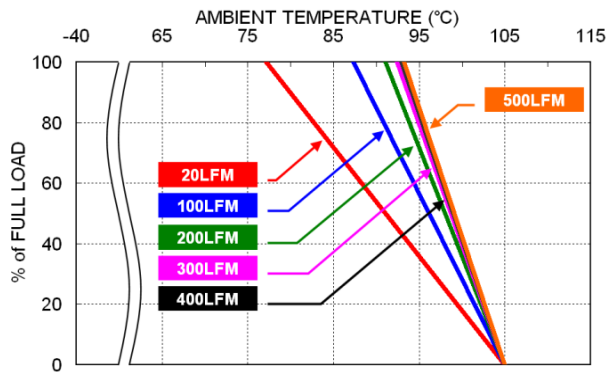
Efficiency versus Output Load



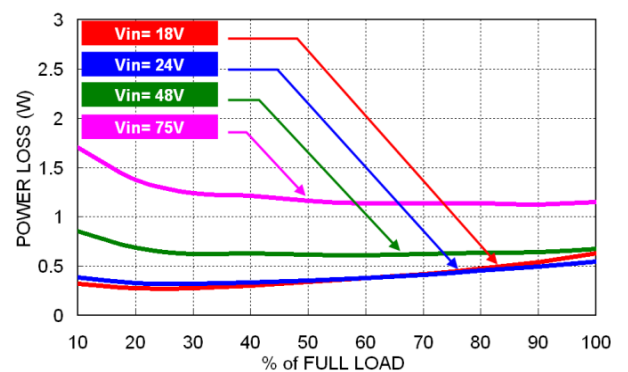
Efficiency versus Input Voltage



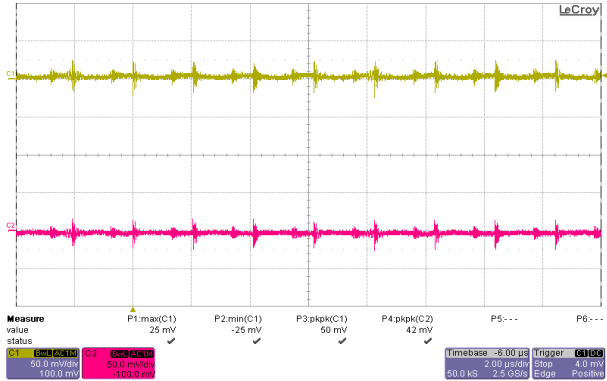
Derating Output Load versus Ambient Temperature



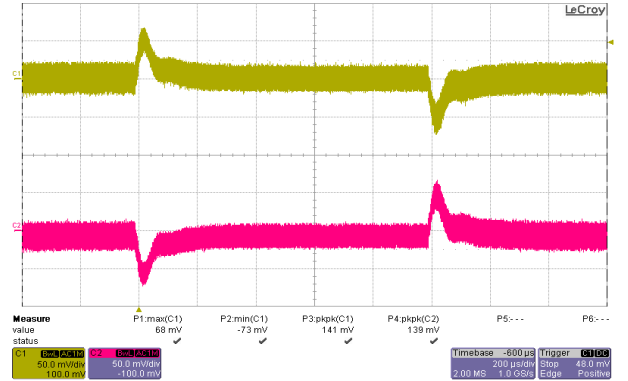
Power Dissipation versus Output Load



Typical Output Ripple and Noise



Transient Response to Dynamic Load Change (25%)



Typical Start-Up and Output Rise Characteristic

