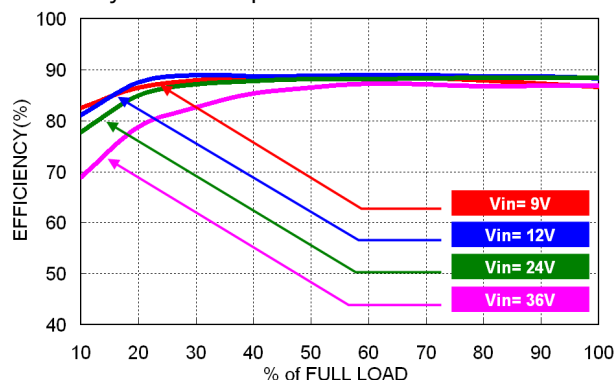


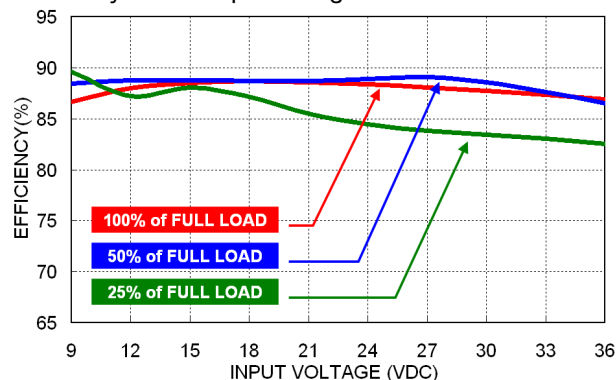
Characteristic Curves

THN 15-2410WIR

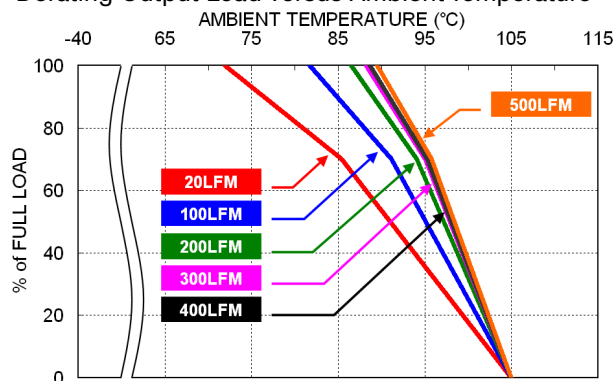
Efficiency versus Output Load



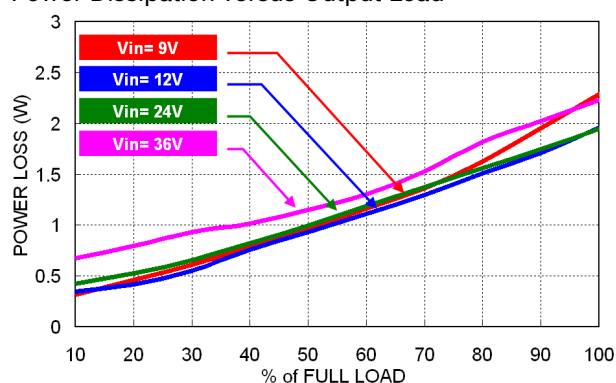
Efficiency versus Input Voltage



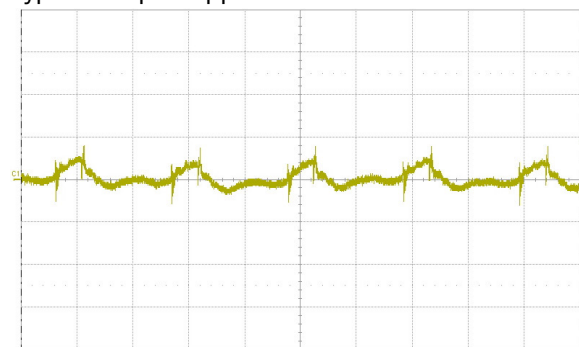
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



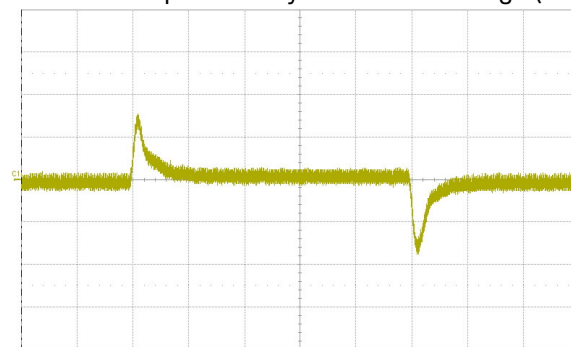
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

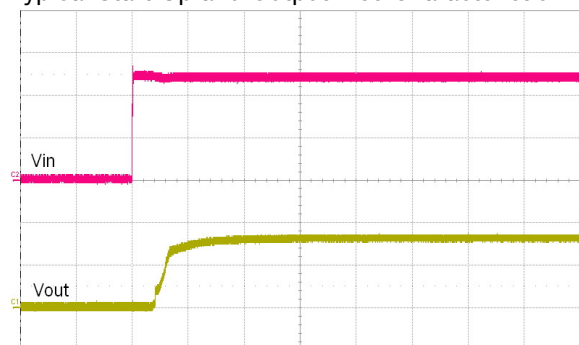
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

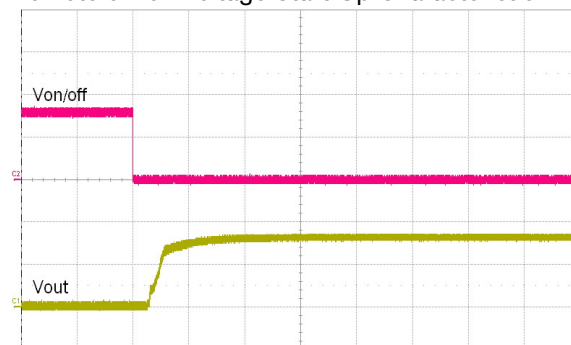


Vout: 2 V/Div

Vin: 10 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



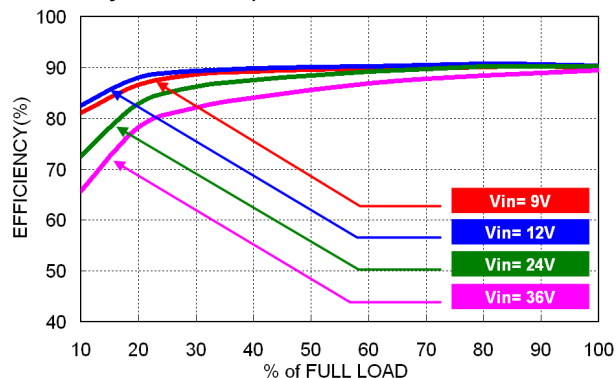
Vout: 2 V/Div

Von/off: 5 V/Div

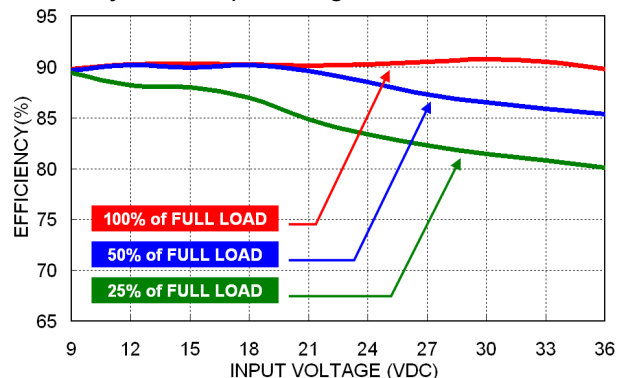
X: 10 ms/Div

THN 15-2411WIR

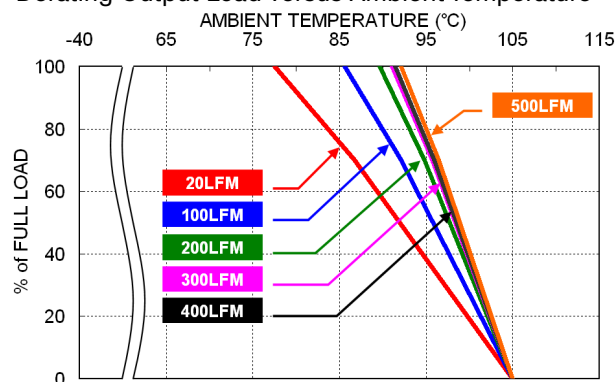
Efficiency versus Output Load



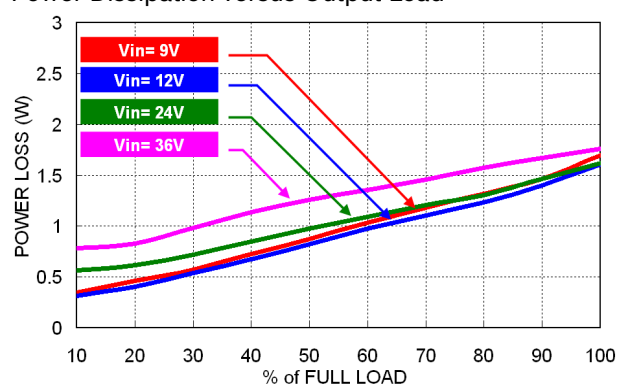
Efficiency versus Input Voltage



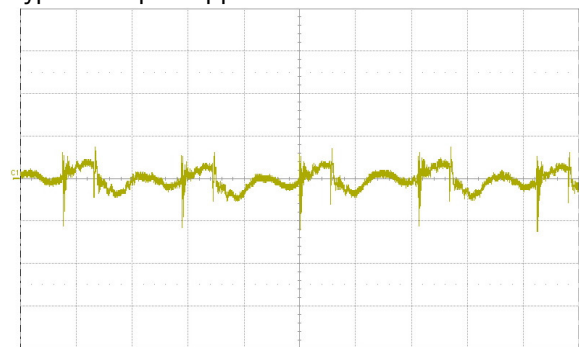
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



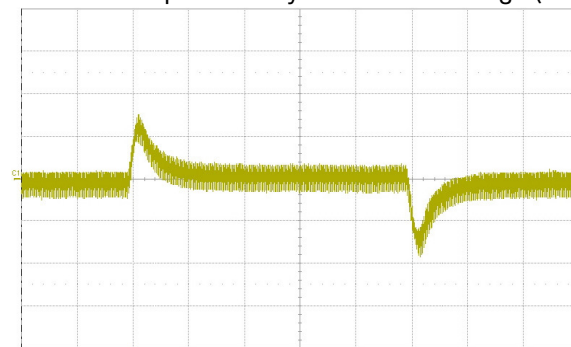
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

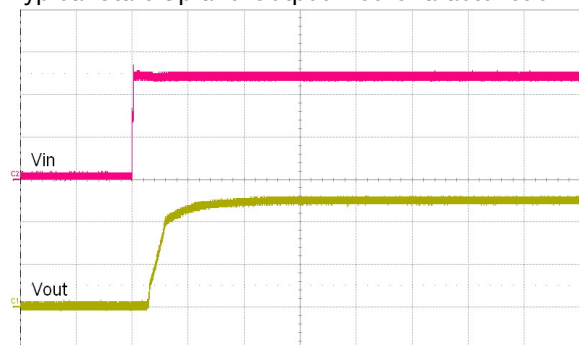
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

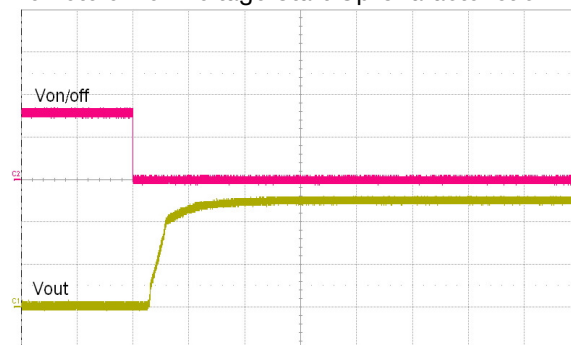


Vout: 2 V/Div

Vin: 10 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 2 V/Div

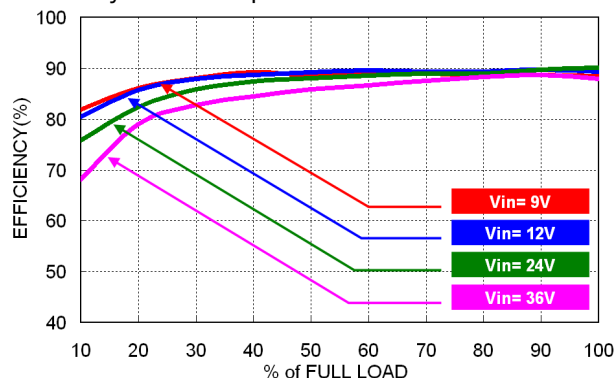
Von/off: 5 V/Div

X: 10 ms/Div

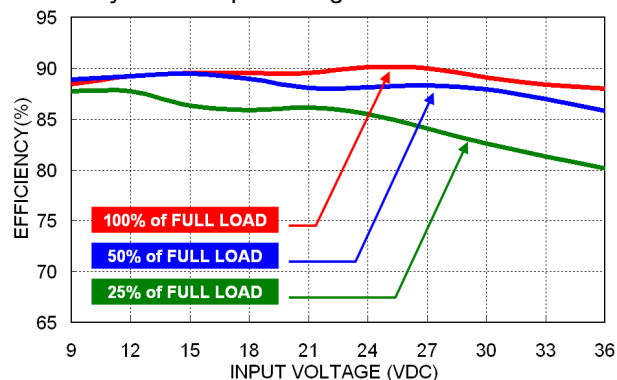
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-2412WIR

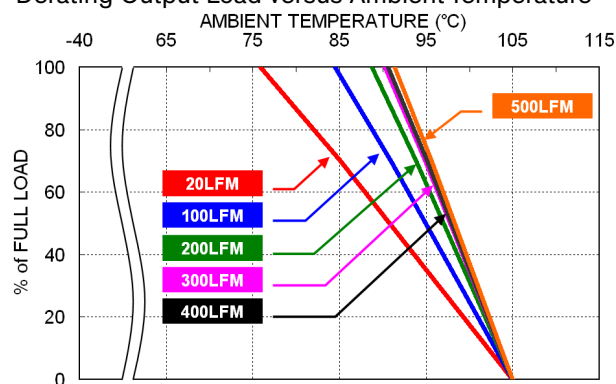
Efficiency versus Output Load



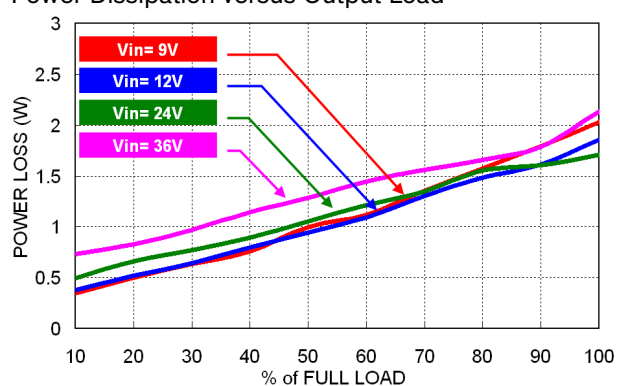
Efficiency versus Input Voltage



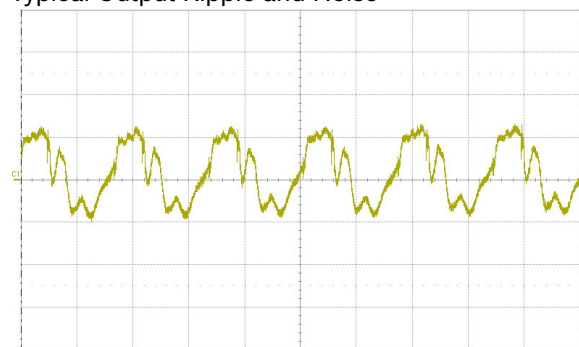
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



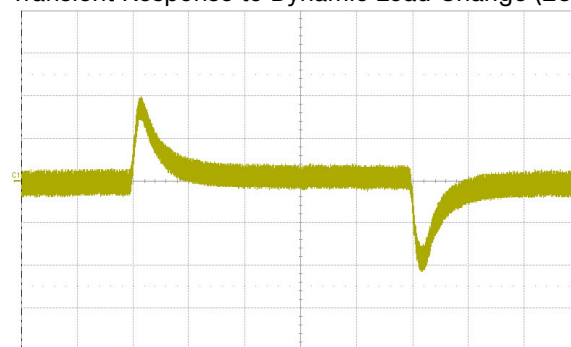
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

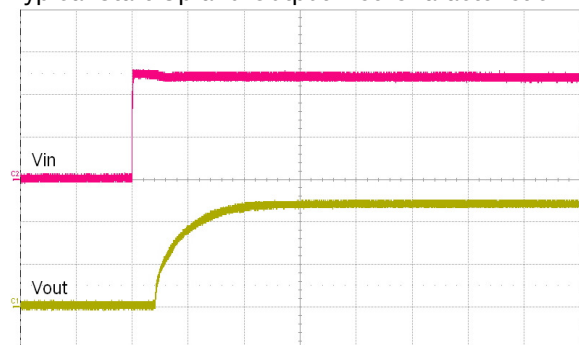
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

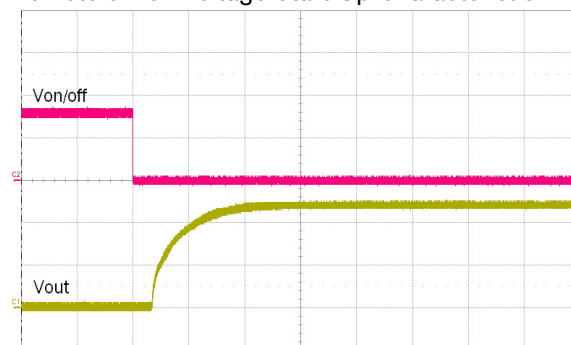


Vout: 5 V/Div

Vin: 10 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 5 V/Div

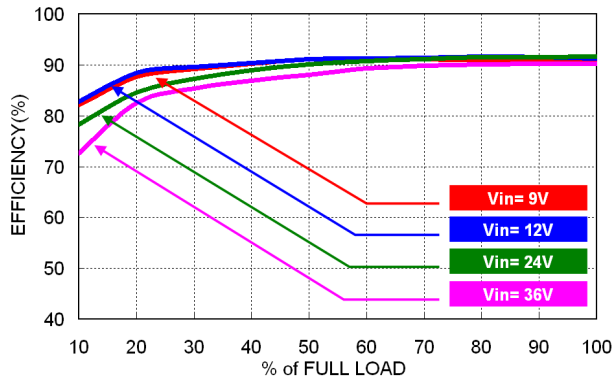
Von/off: 5 V/Div

X: 10 ms/Div

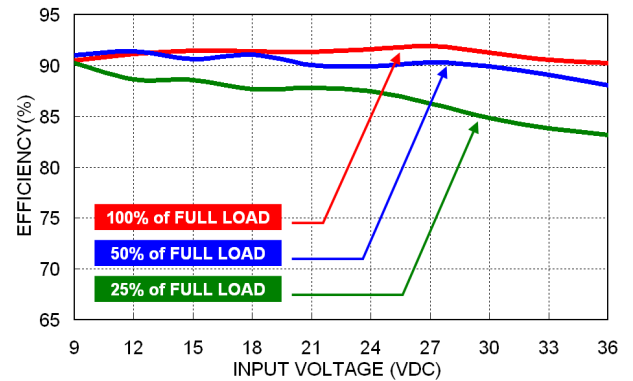
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-2413WIR

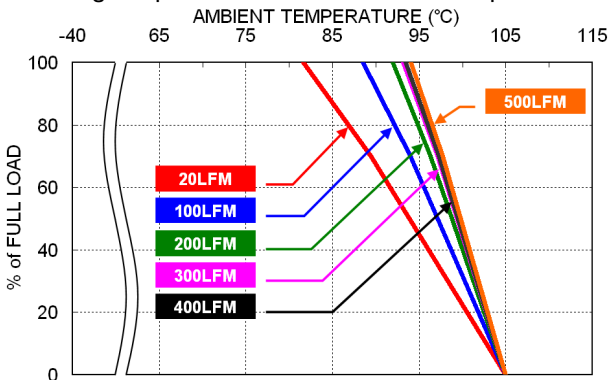
Efficiency versus Output Load



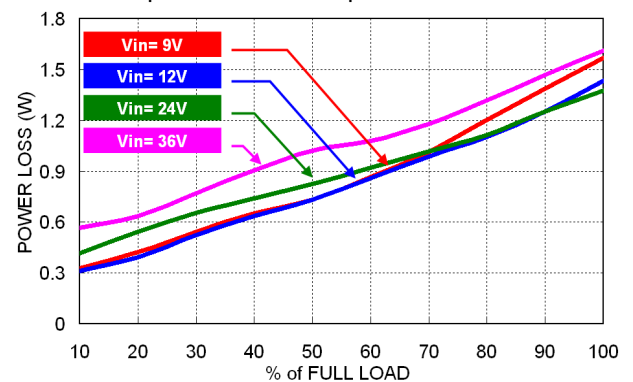
Efficiency versus Input Voltage



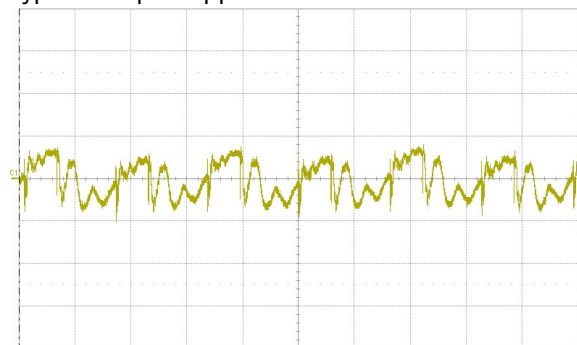
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



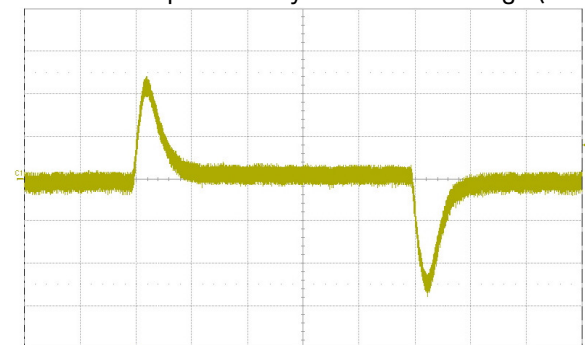
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

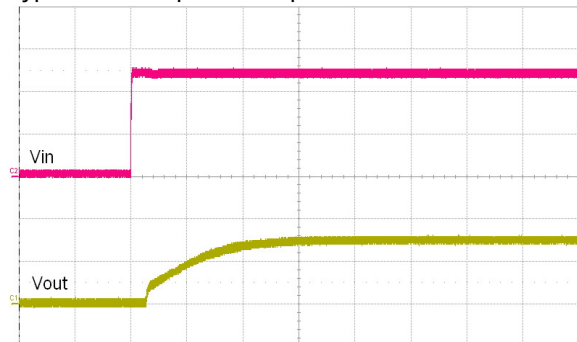
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

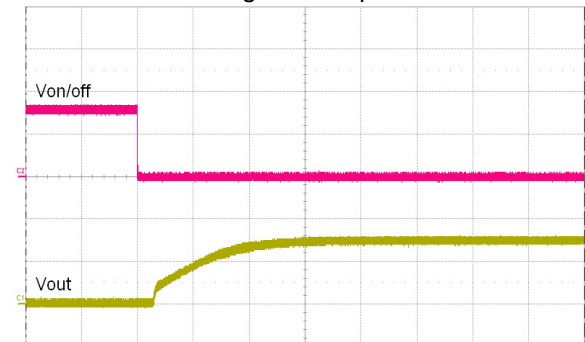


Vout: 10 V/Div

Vin: 10 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

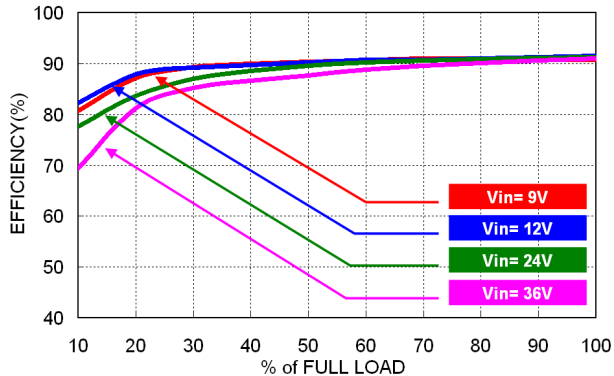
Von/off: 5 V/Div

X: 10 ms/Div

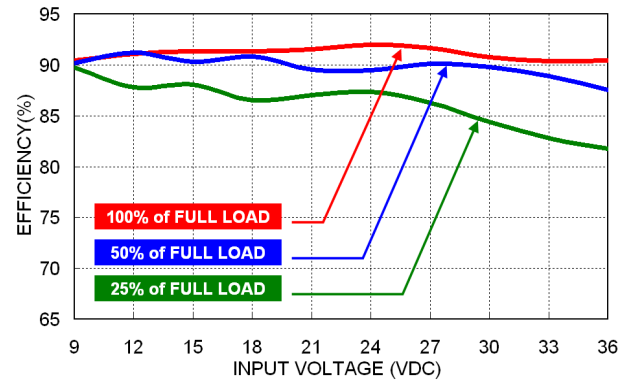
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-2415WIR

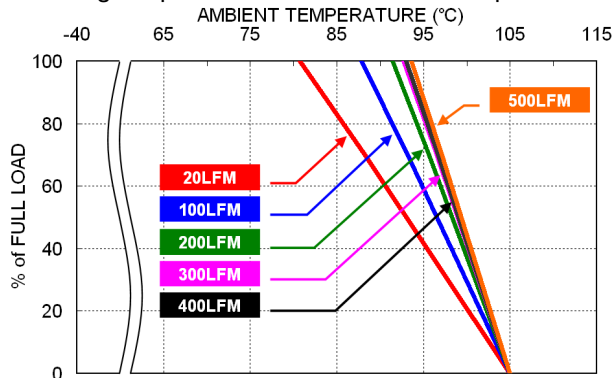
Efficiency versus Output Load



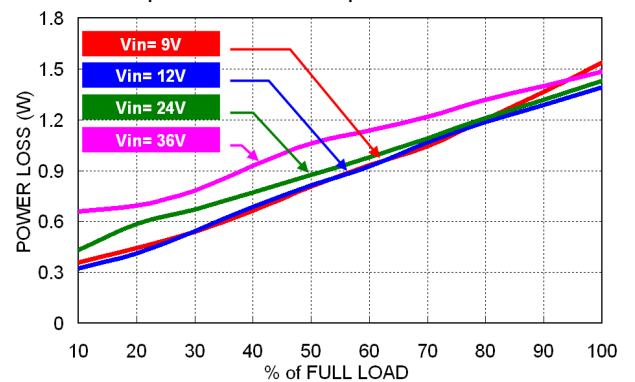
Efficiency versus Input Voltage



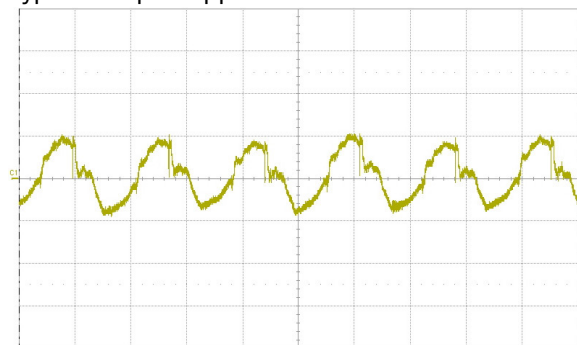
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



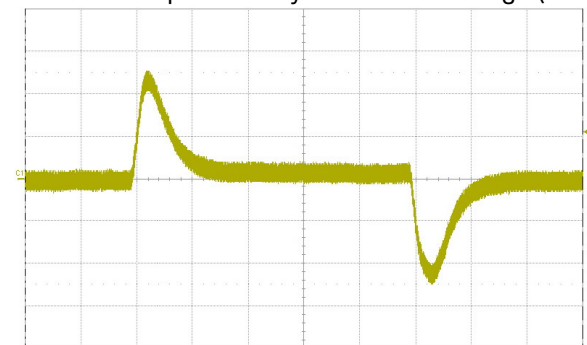
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

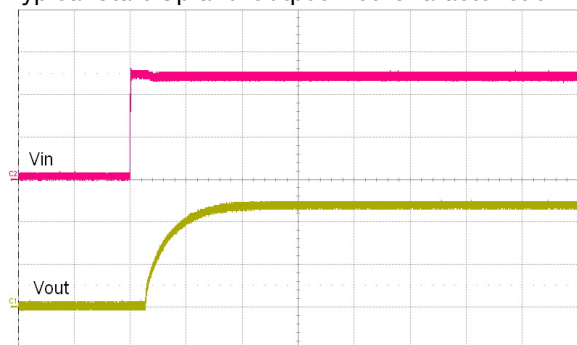
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

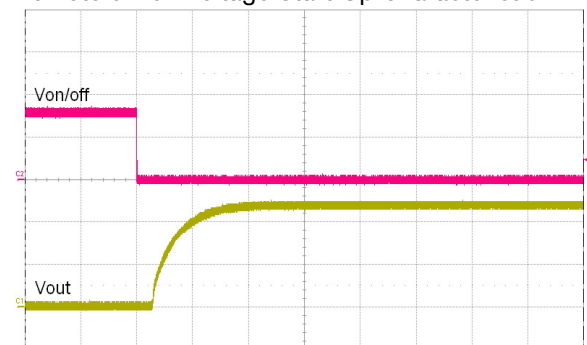
X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 10 V/Div Von/off: 10 V/Div X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic

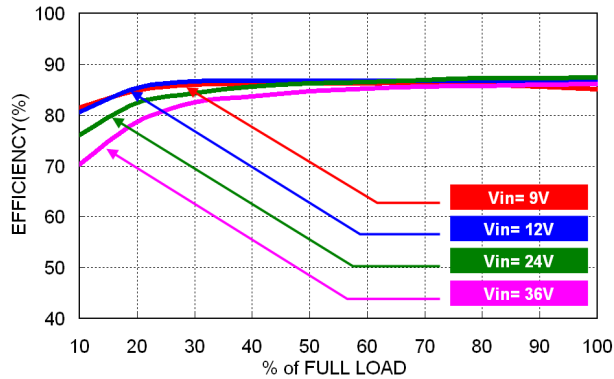


Vout: 10 V/Div Von/off: 5 V/Div X: 10 ms/Div

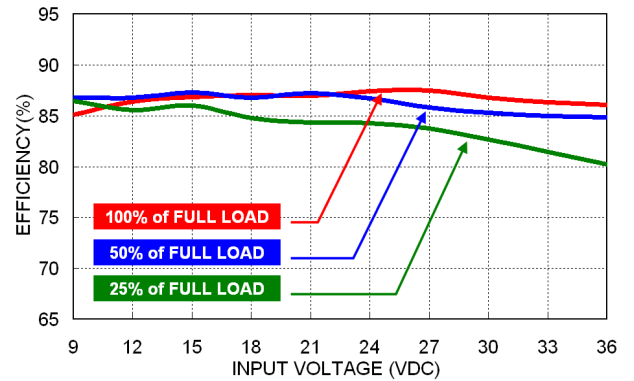
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-2421WIR

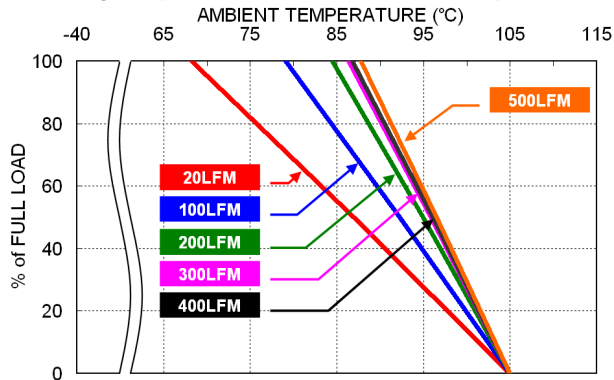
Efficiency versus Output Load



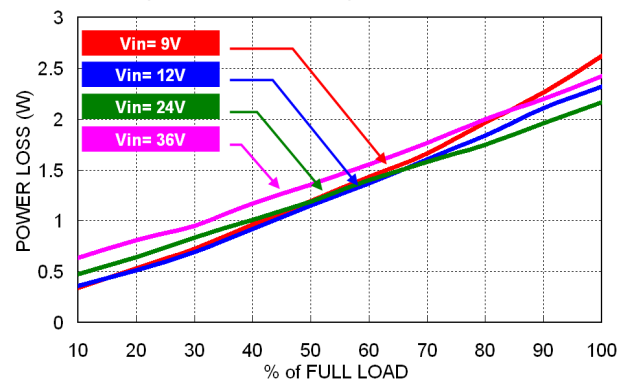
Efficiency versus Input Voltage



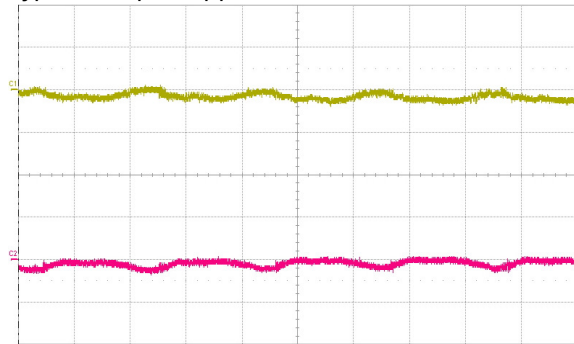
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



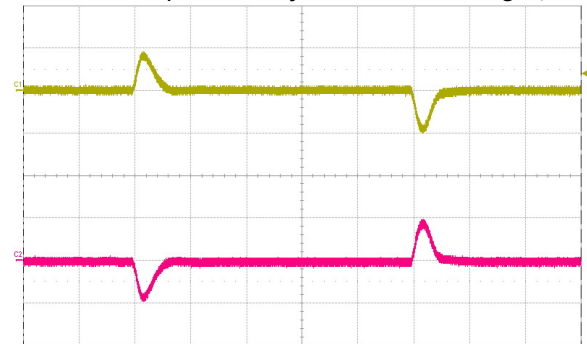
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

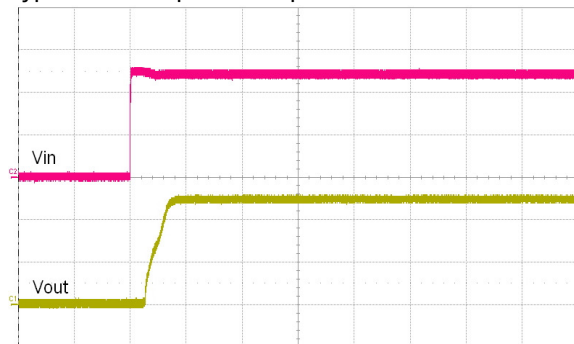
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μs/Div

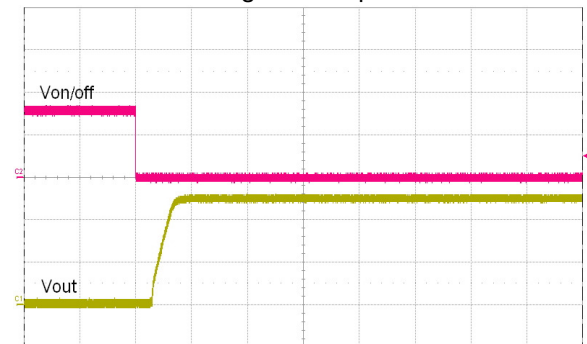
Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div

Von/off: 10 V/Div X: 20 ms/Div

Remote on/off Voltage Start-Up Characteristic



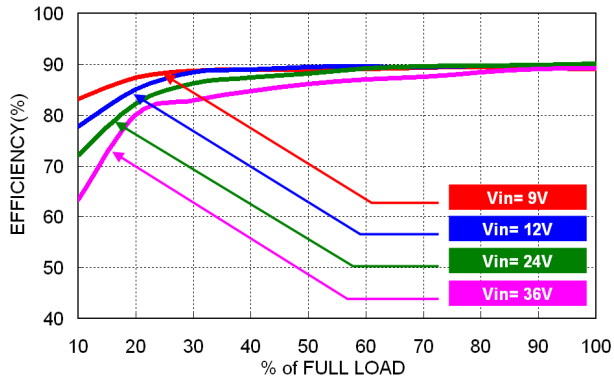
Vout: 2 V/Div

Von/off: 5 V/Div X: 10 ms/Div

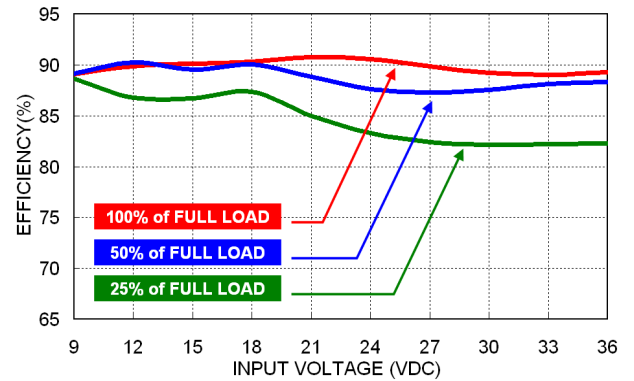
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-2422WIR

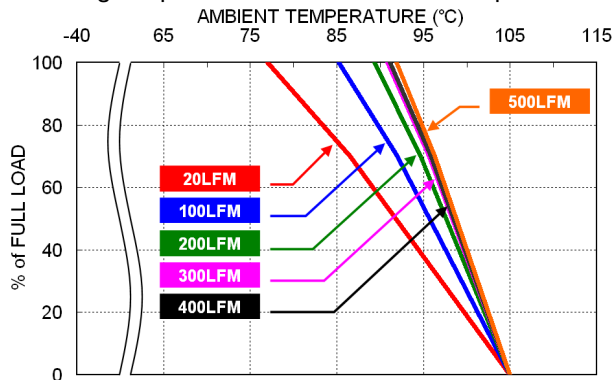
Efficiency versus Output Load



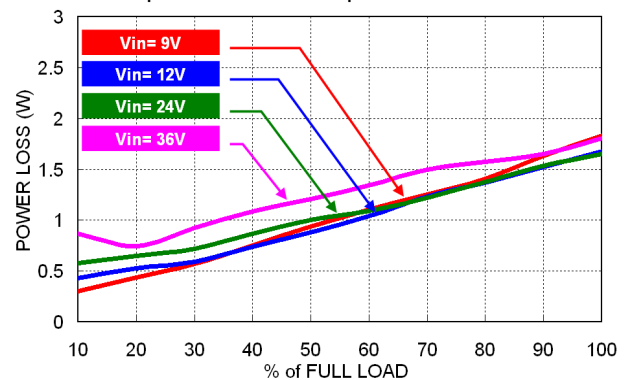
Efficiency versus Input Voltage



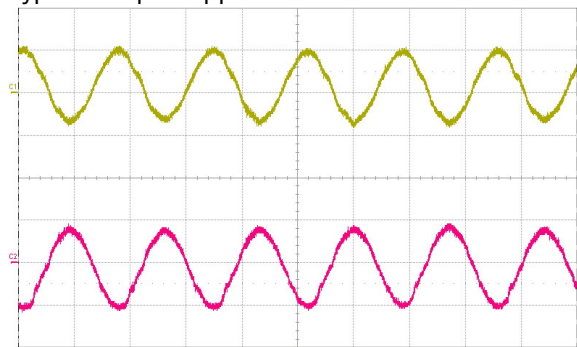
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



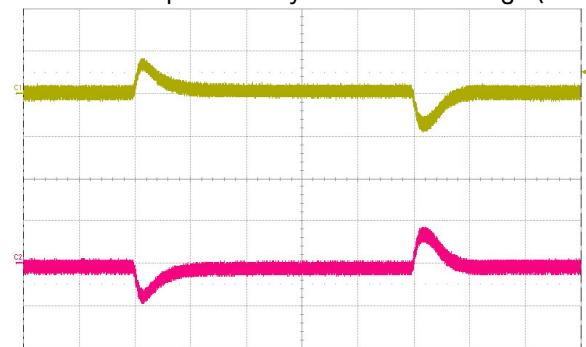
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

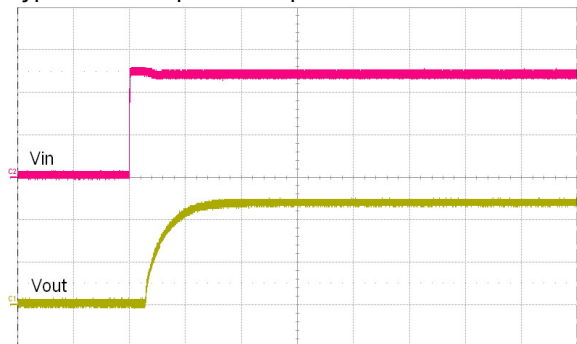
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

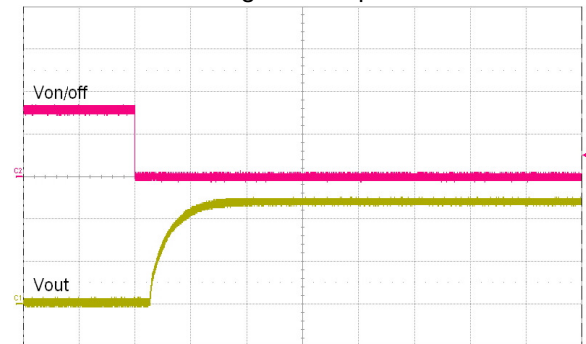


Vout: 5 V/Div

Vin: 10 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 5 V/Div

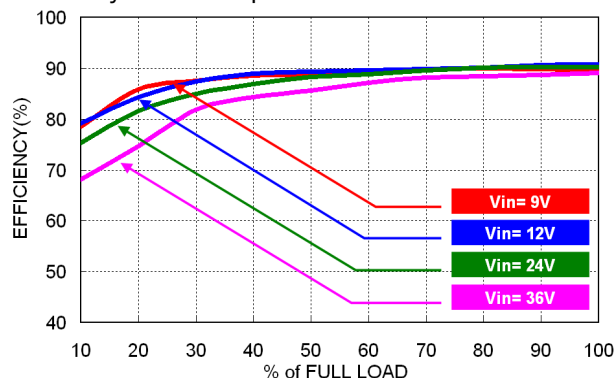
Von/off: 5 V/Div

X: 10 ms/Div

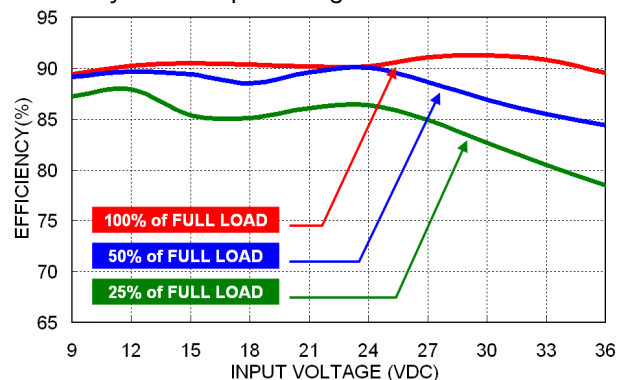
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-2423WIR

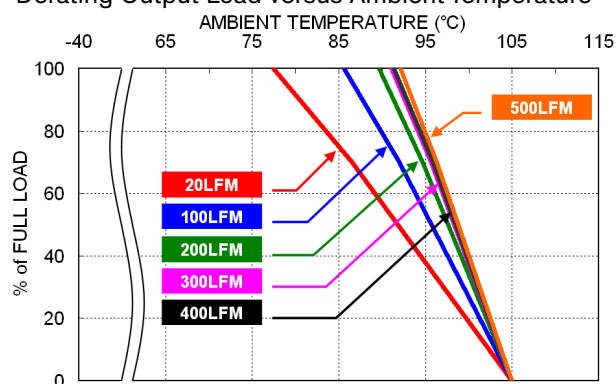
Efficiency versus Output Load



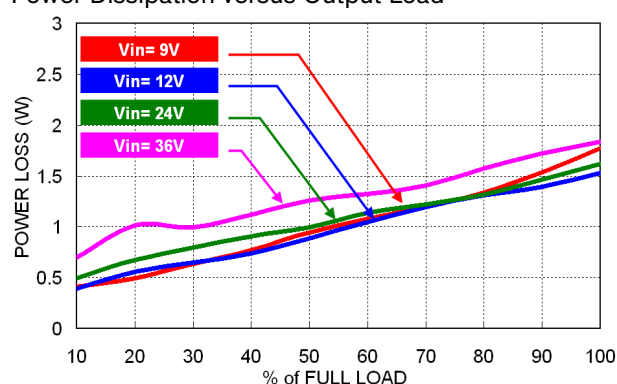
Efficiency versus Input Voltage



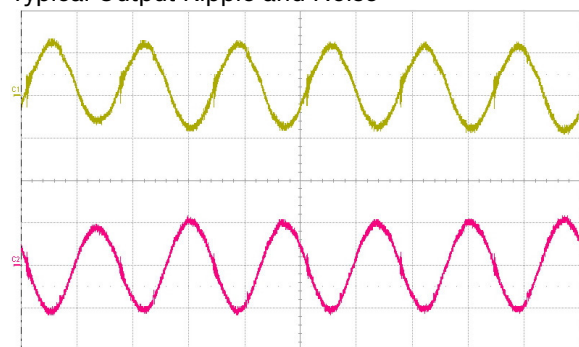
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



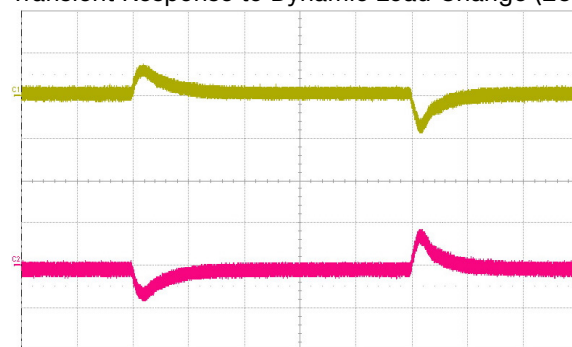
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

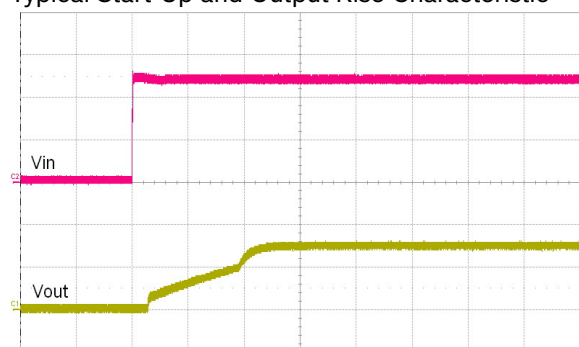
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

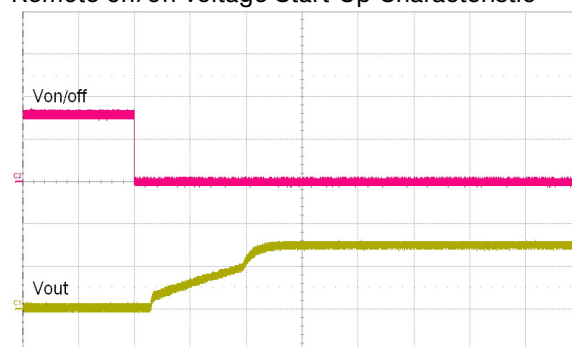
X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic



Vout: 10 V/Div Von/off: 10 V/Div X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic

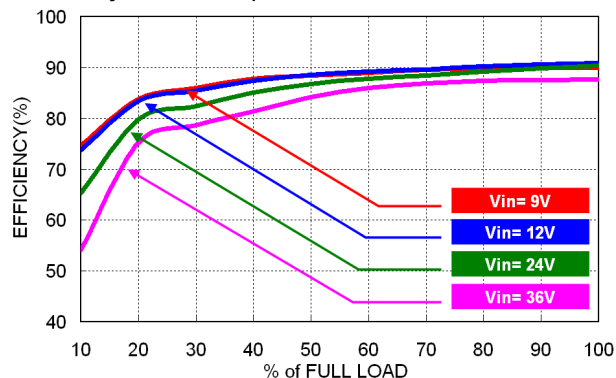


Vout: 10 V/Div Von/off: 5 V/Div X: 10 ms/Div

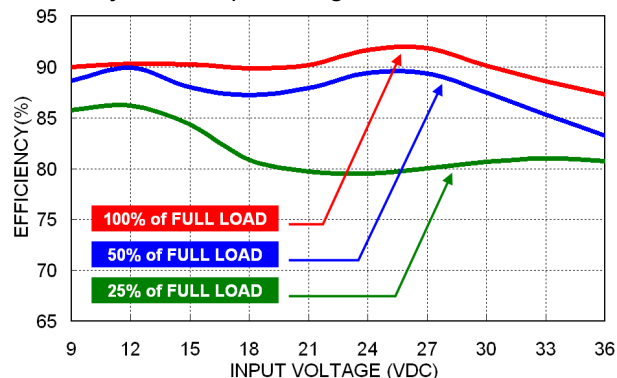
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-2425WIR

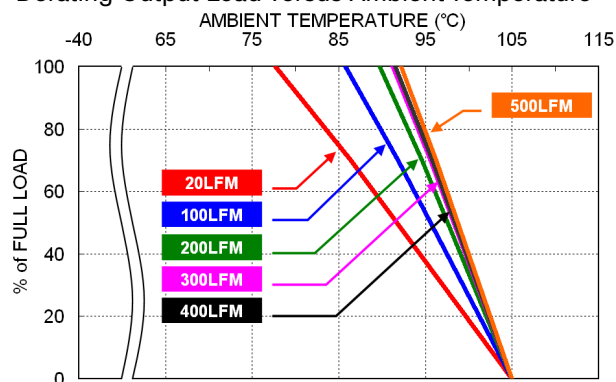
Efficiency versus Output Load



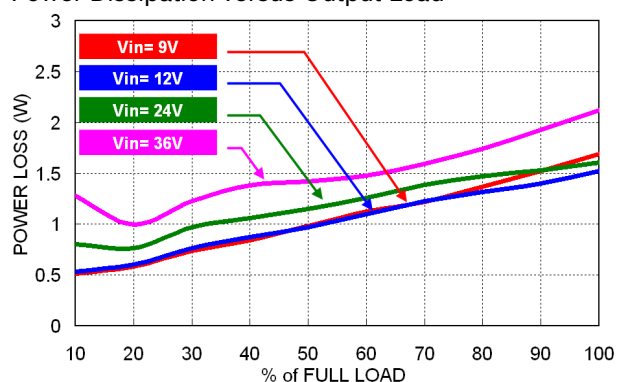
Efficiency versus Input Voltage



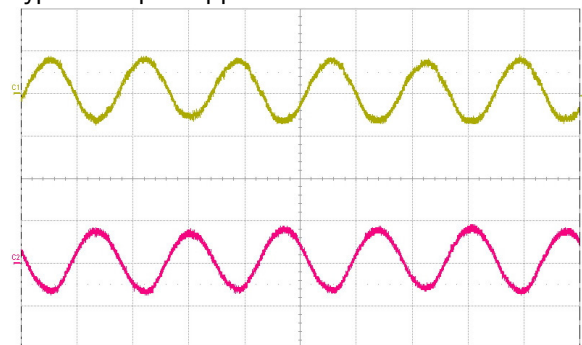
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



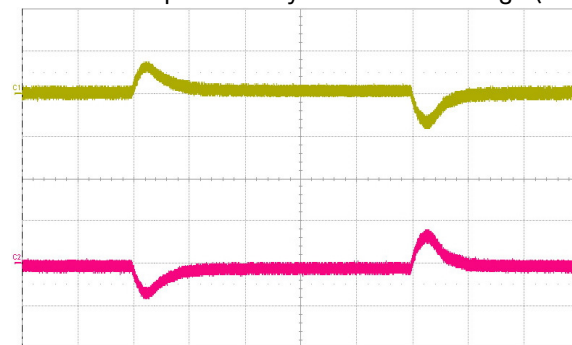
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

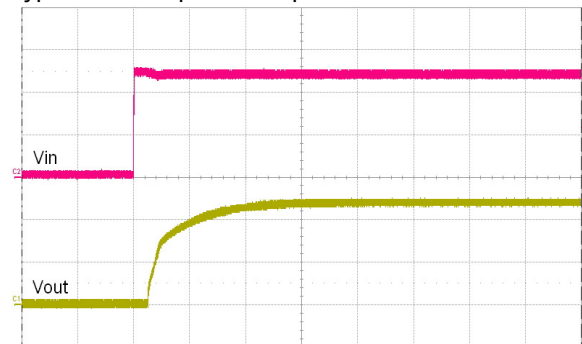
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

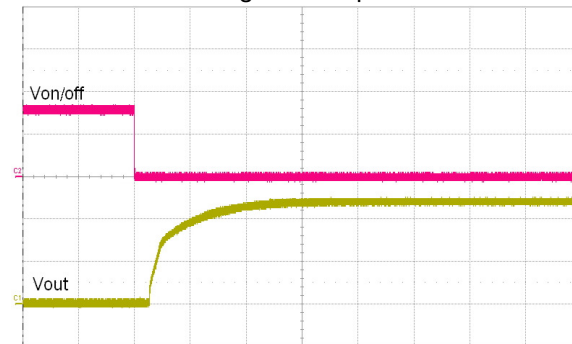


Vout: 10 V/Div

Vin: 10 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

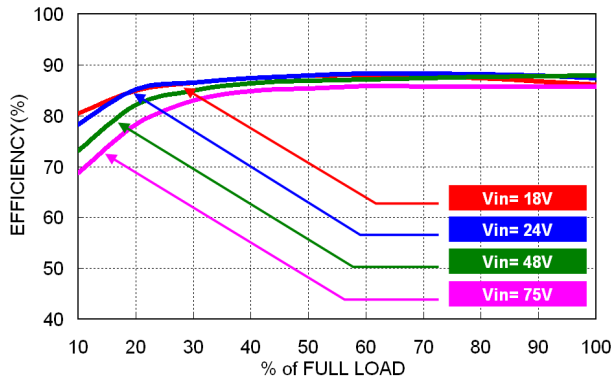
Von/off: 5 V/Div

X: 10 ms/Div

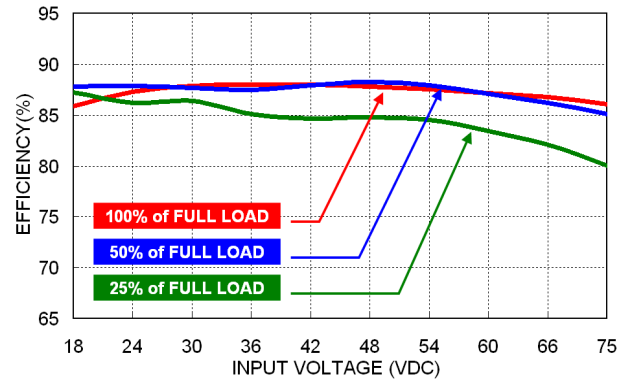
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4810WIR

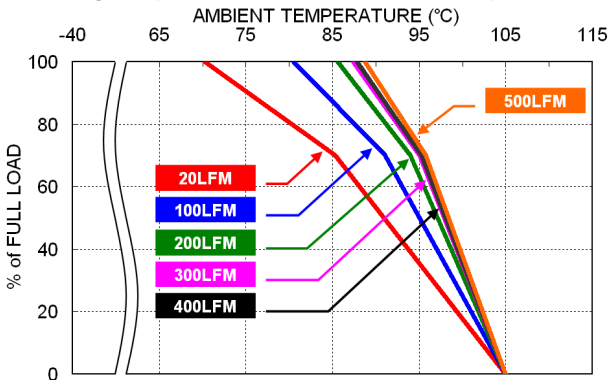
Efficiency versus Output Load



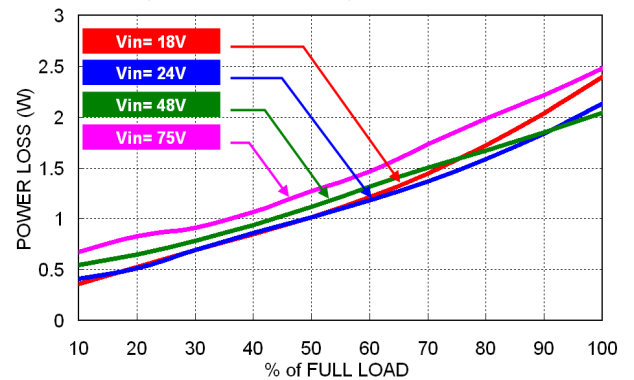
Efficiency versus Input Voltage



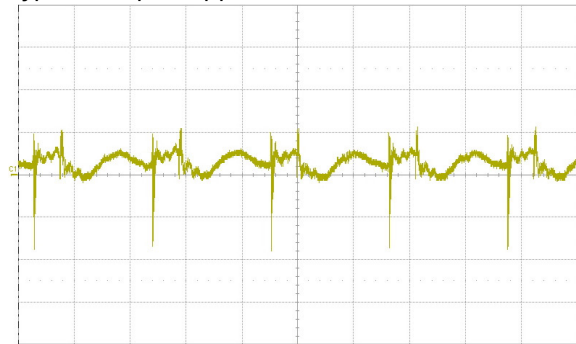
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



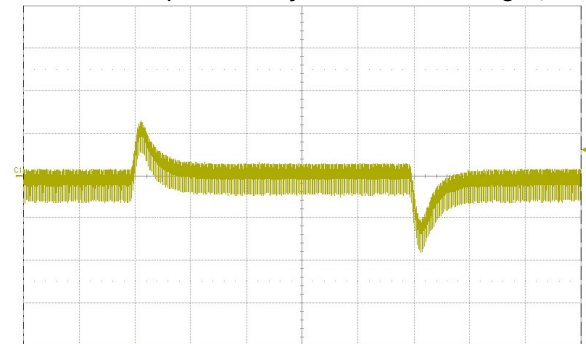
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

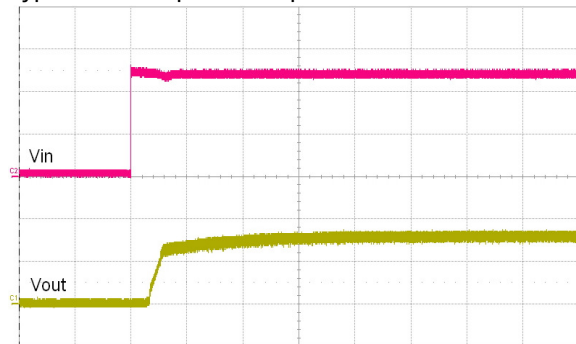
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

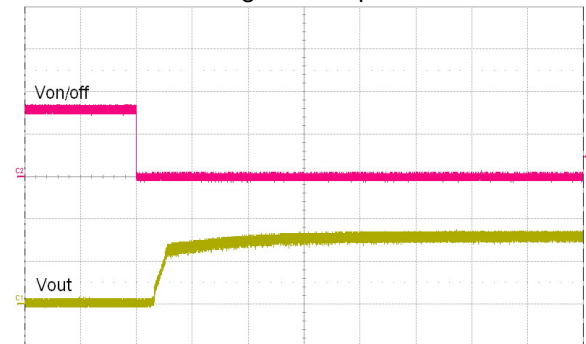


Vout: 2 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 2 V/Div

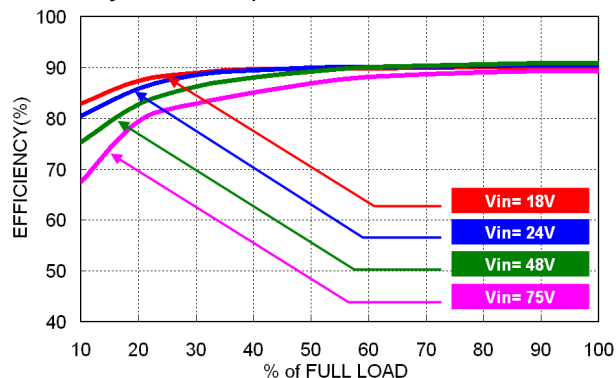
Von/off: 5 V/Div

X: 10 ms/Div

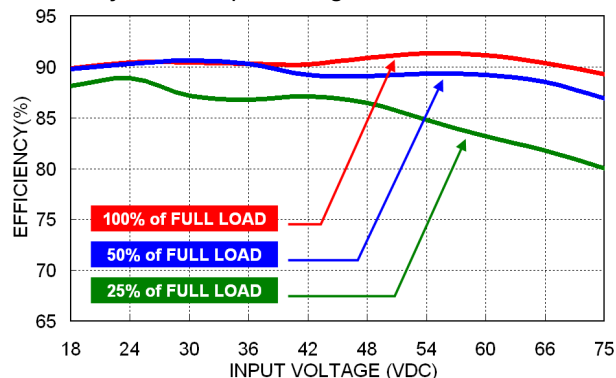
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4811WIR

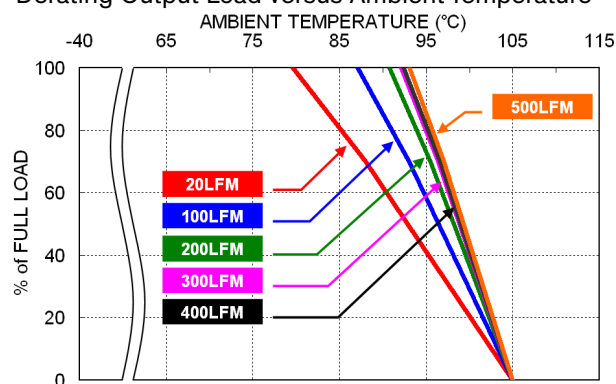
Efficiency versus Output Load



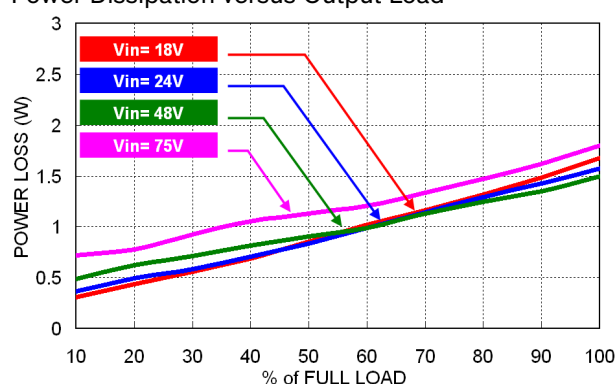
Efficiency versus Input Voltage



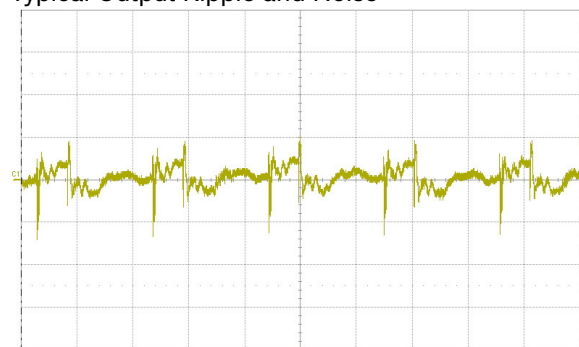
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



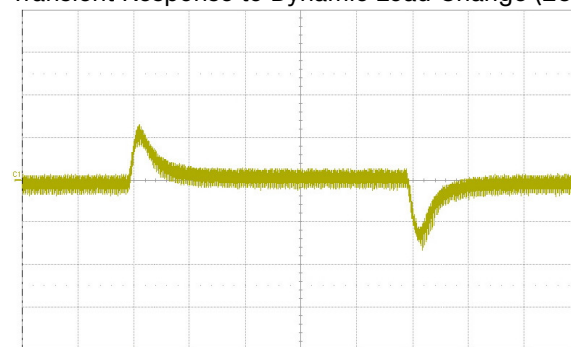
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

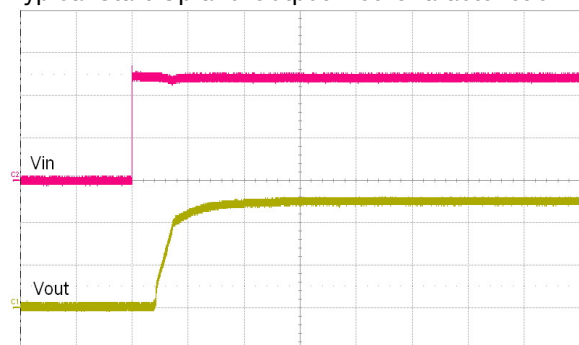
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

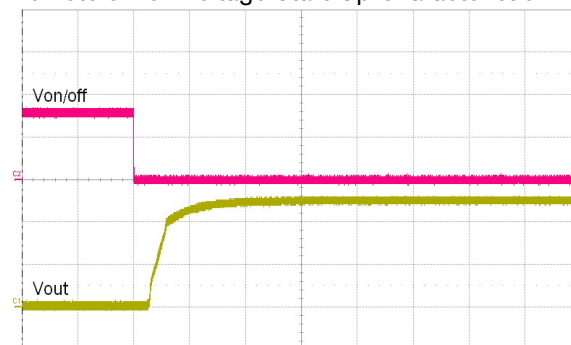


Vout: 2 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 2 V/Div

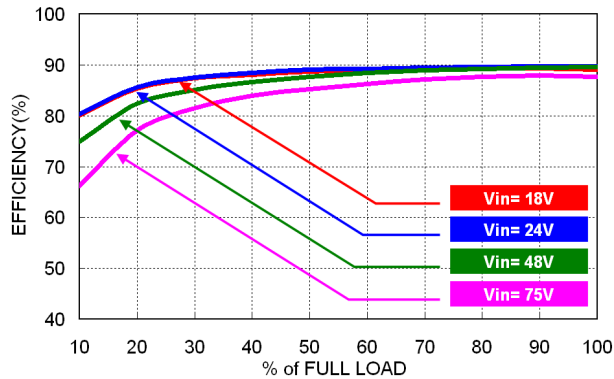
Von/off: 5 V/Div

X: 10 ms/Div

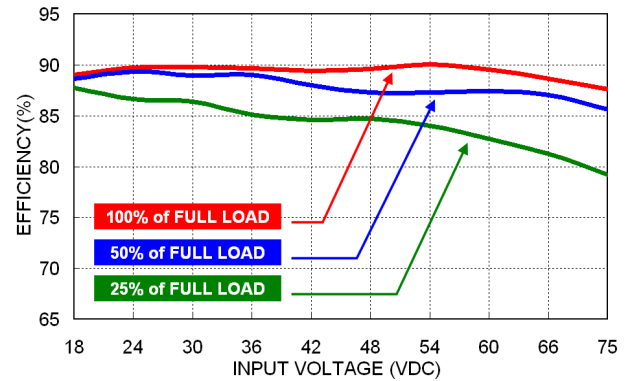
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4812WIR

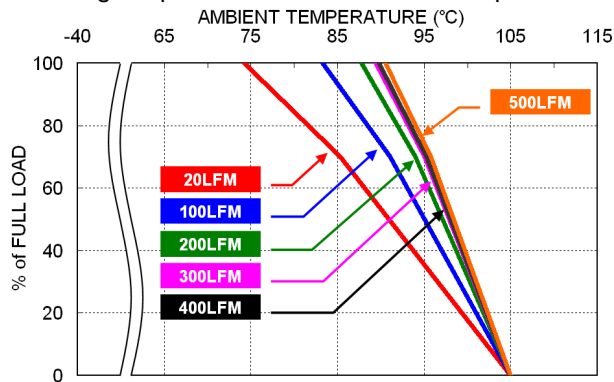
Efficiency versus Output Load



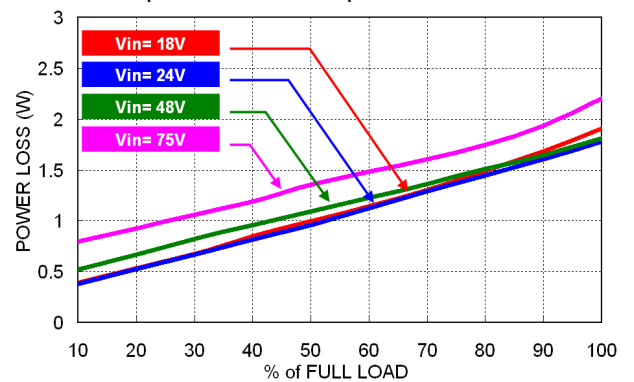
Efficiency versus Input Voltage



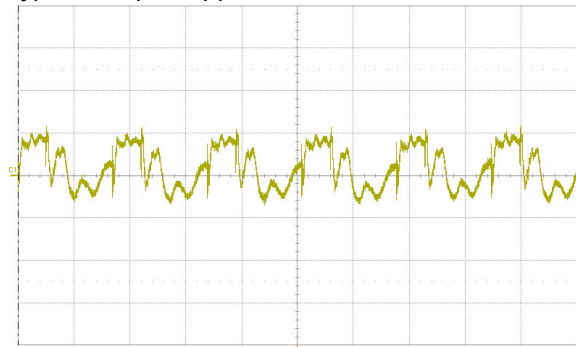
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



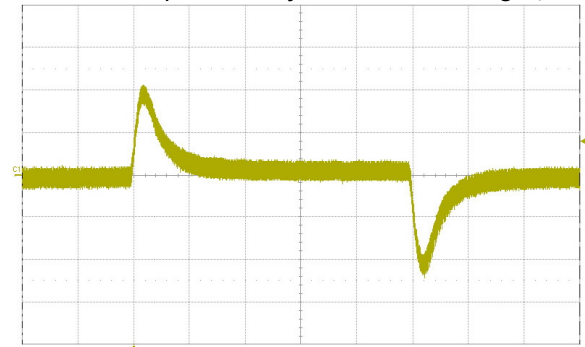
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

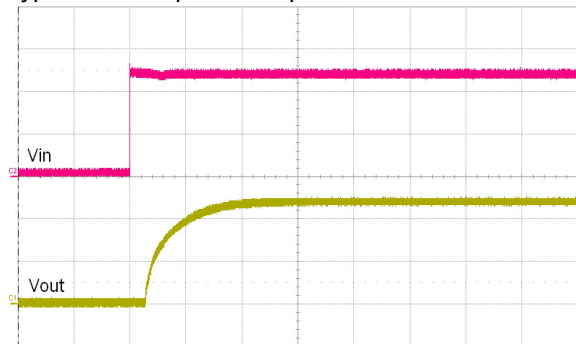
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

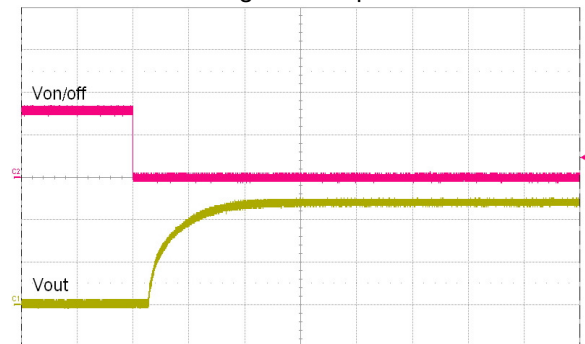


Vout: 5 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 5 V/Div

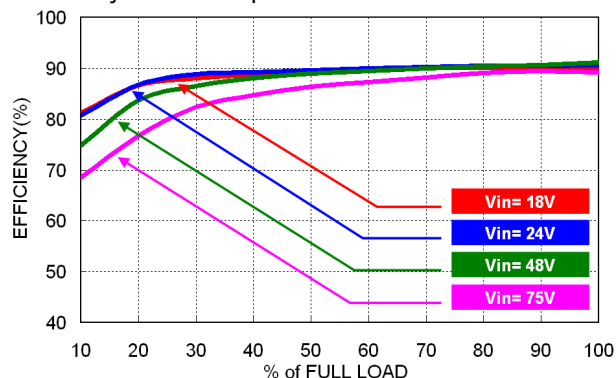
Von/off: 5 V/Div

X: 10 ms/Div

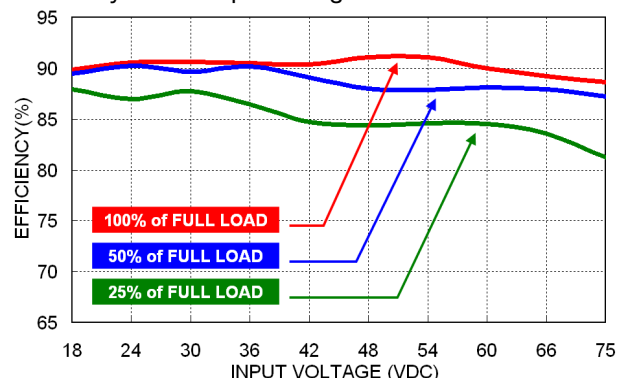
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4813WIR

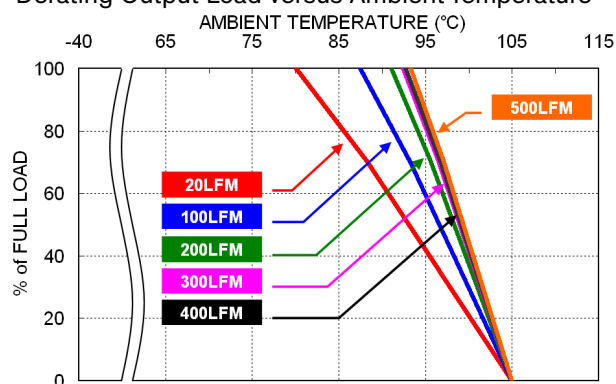
Efficiency versus Output Load



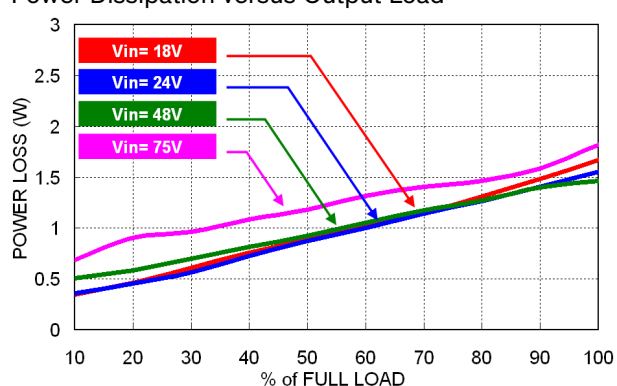
Efficiency versus Input Voltage



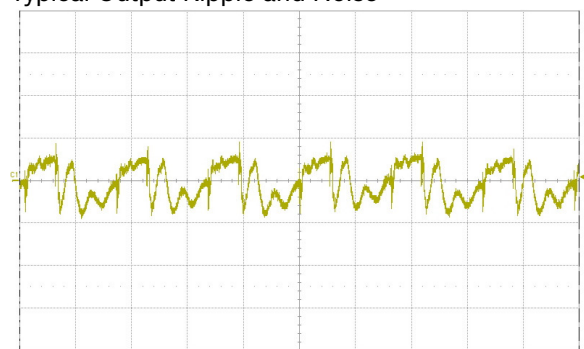
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



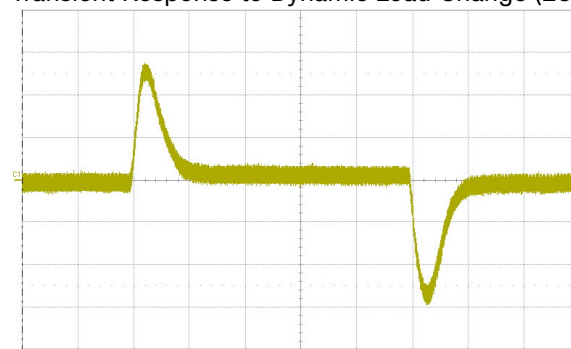
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 µs/Div

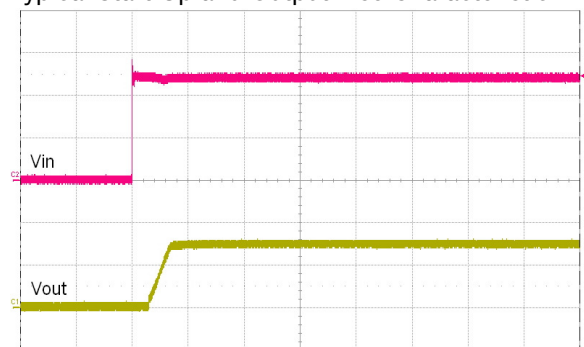
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic

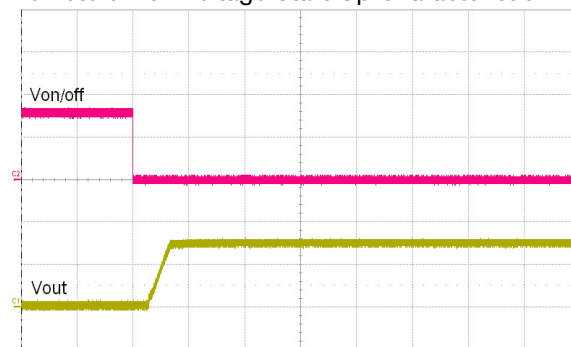


Vout: 10 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

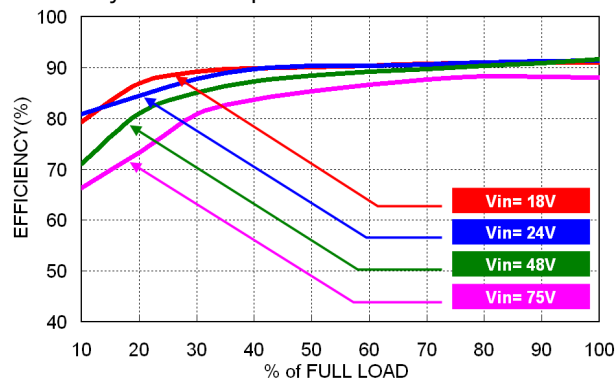
Von/off: 5 V/Div

X: 10 ms/Div

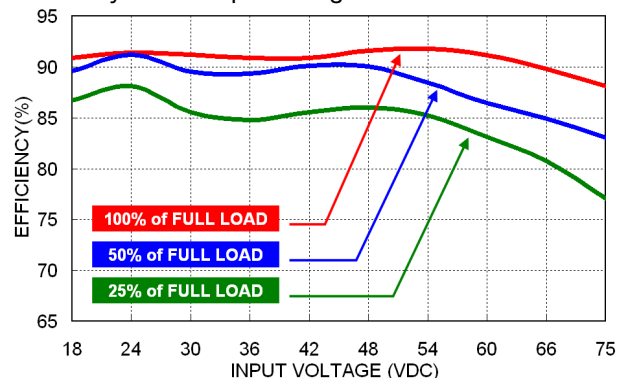
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4815WIR

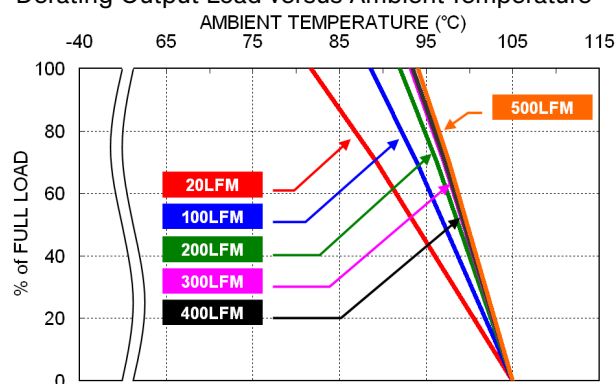
Efficiency versus Output Load



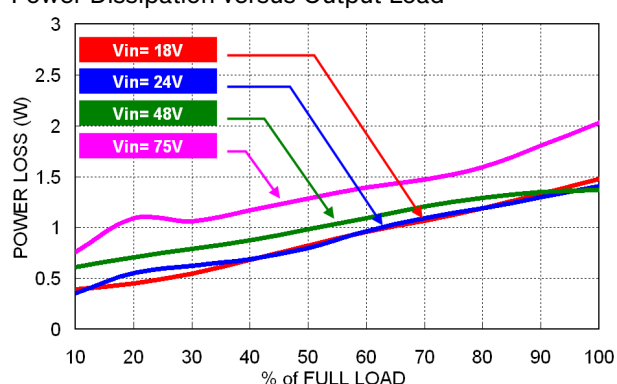
Efficiency versus Input Voltage



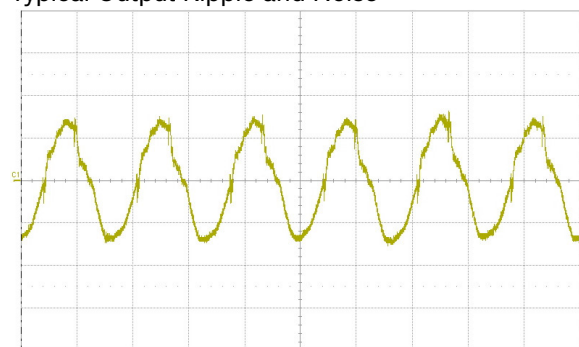
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



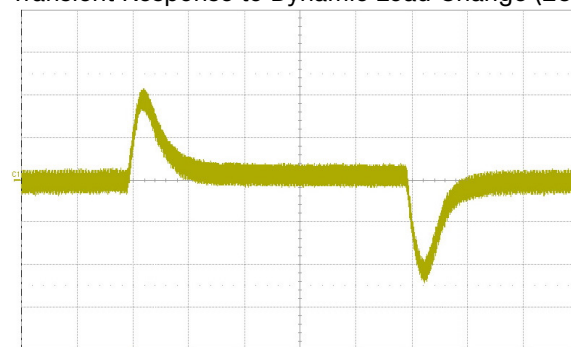
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 µs/Div

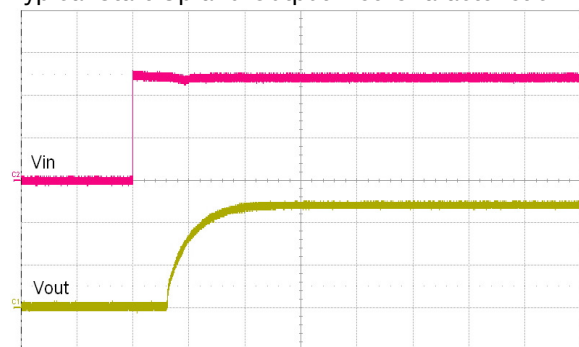
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic

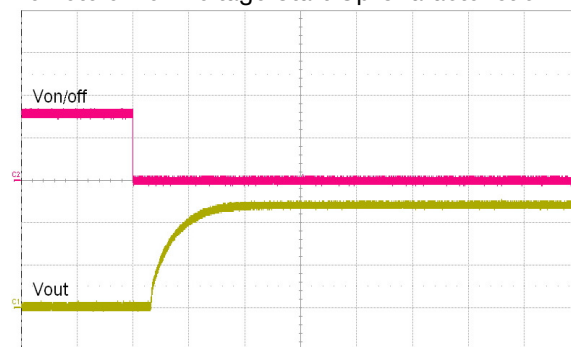


Vout: 10 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

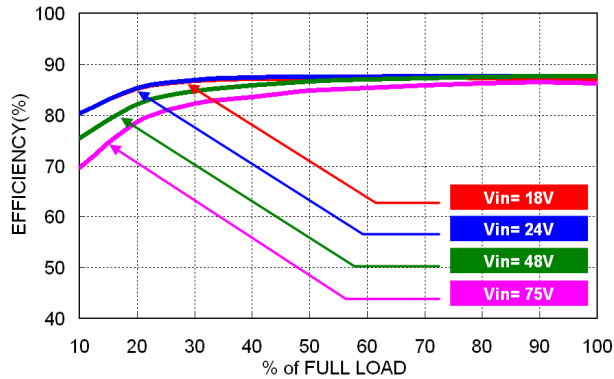
Von/off: 5 V/Div

X: 10 ms/Div

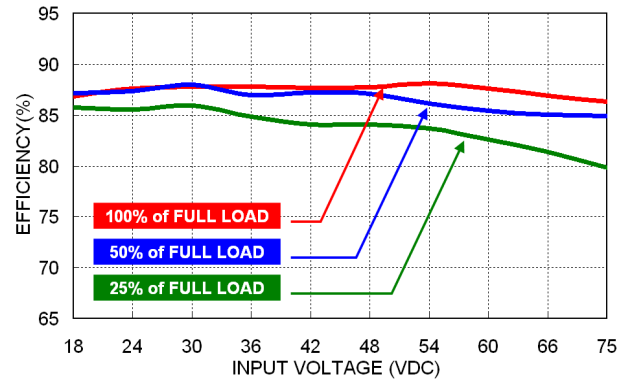
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4821WIR

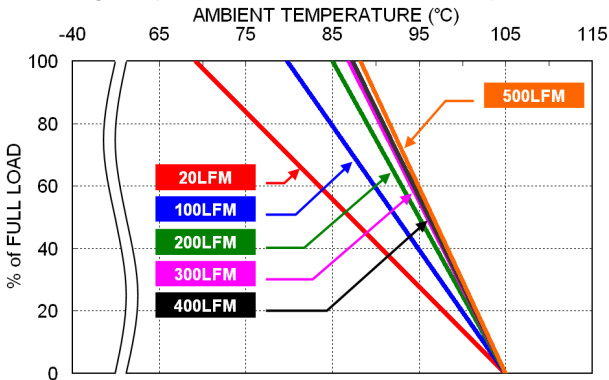
Efficiency versus Output Load



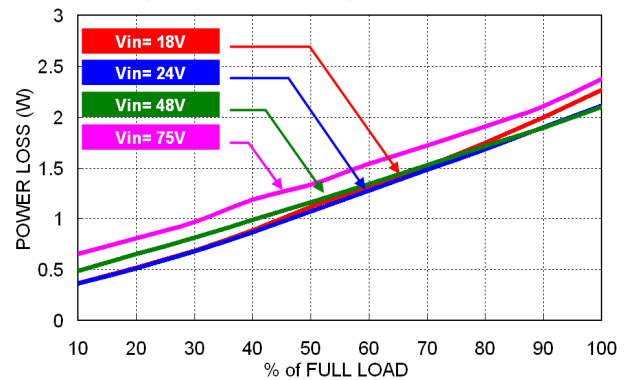
Efficiency versus Input Voltage



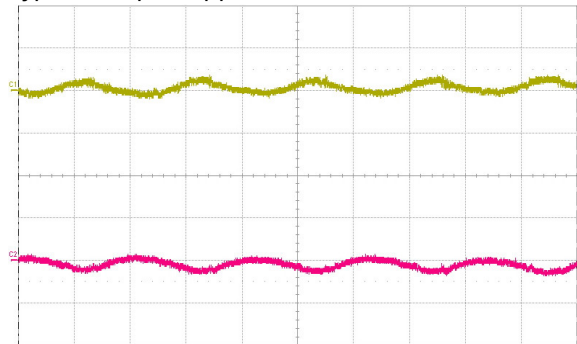
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



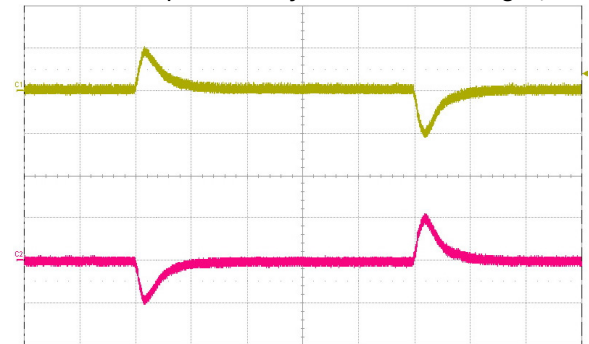
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

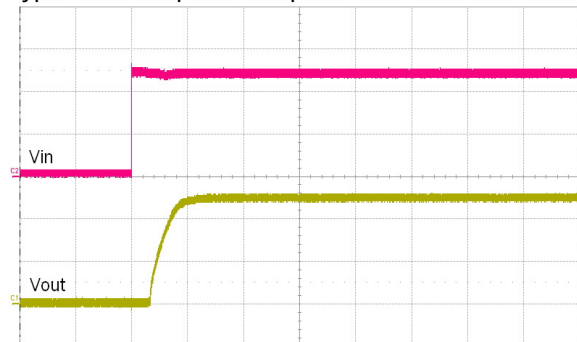
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

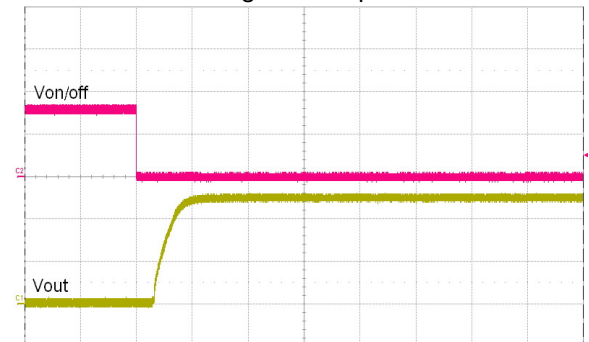


Vout: 2 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 2 V/Div

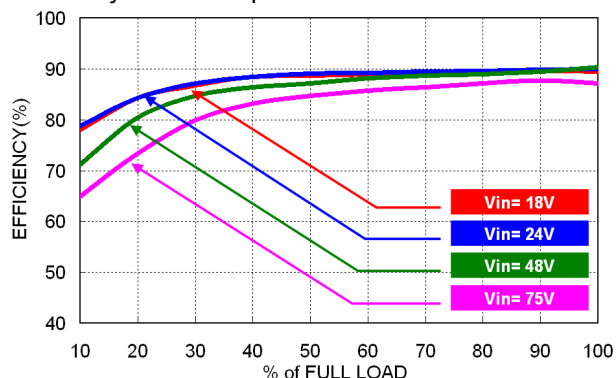
Von/off: 5 V/Div

X: 10 ms/Div

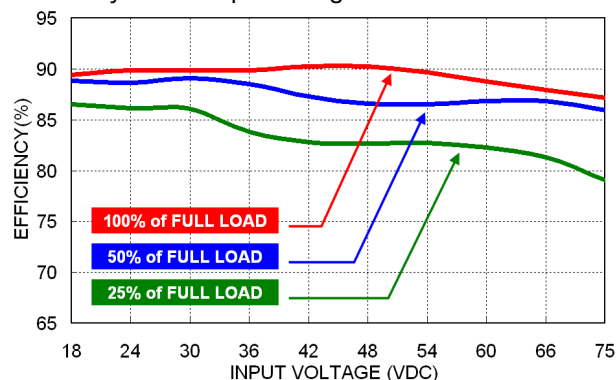
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4822WIR

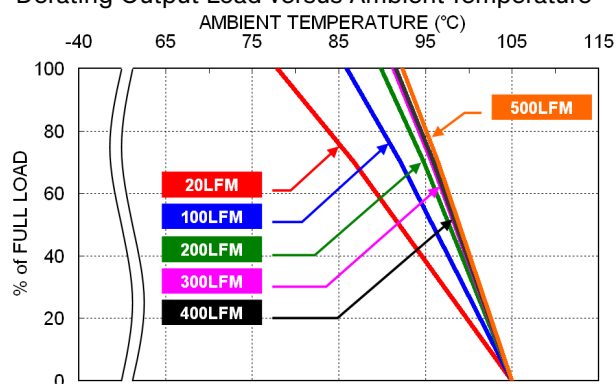
Efficiency versus Output Load



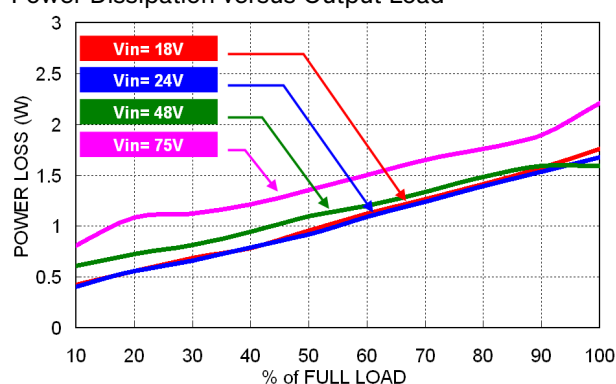
Efficiency versus Input Voltage



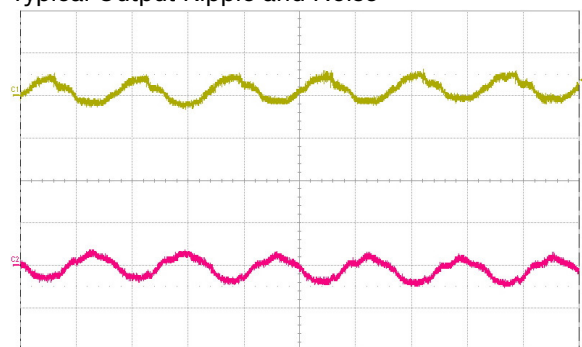
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



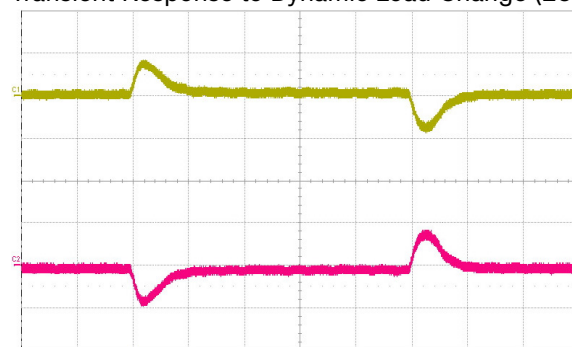
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

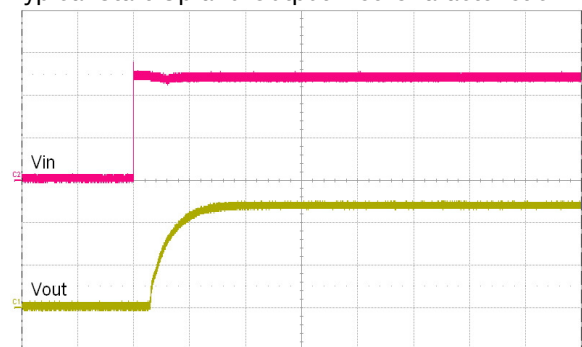
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

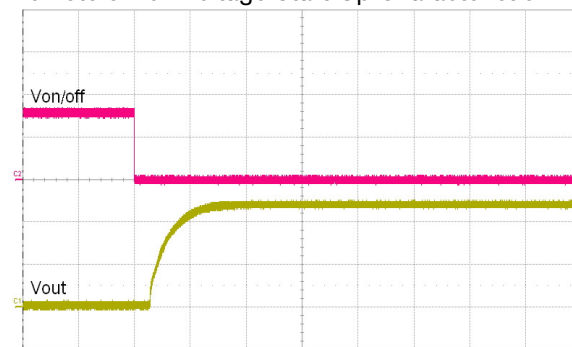


Vout: 5 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 5 V/Div

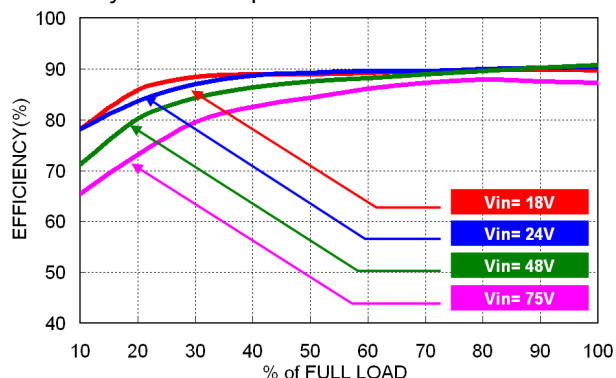
Von/off: 5 V/Div

X: 10 ms/Div

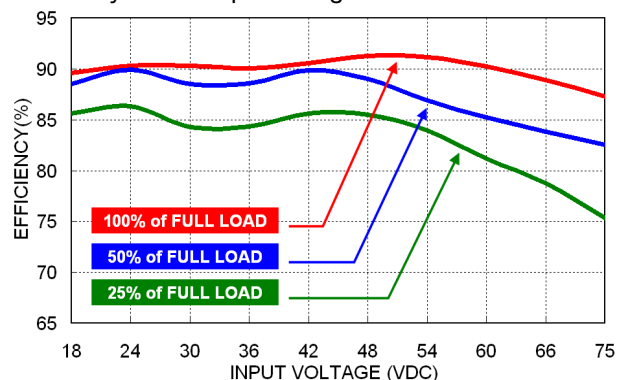
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4823WIR

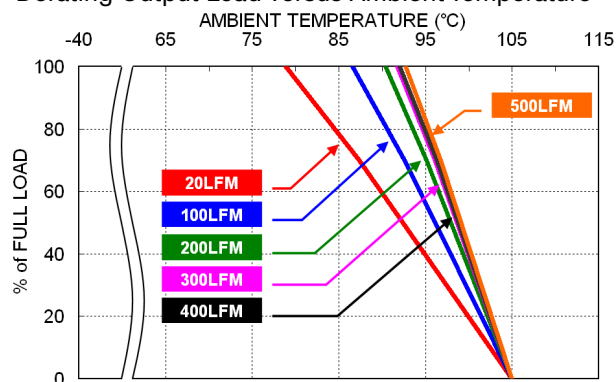
Efficiency versus Output Load



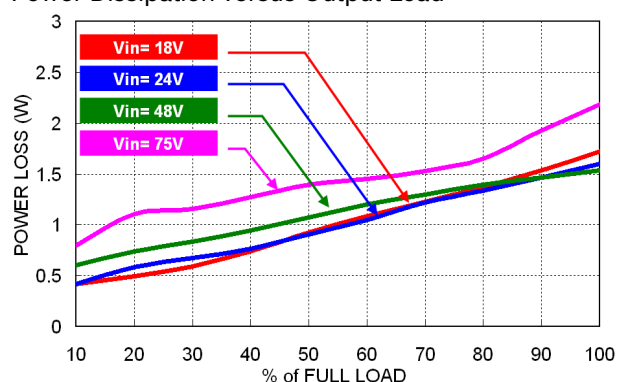
Efficiency versus Input Voltage



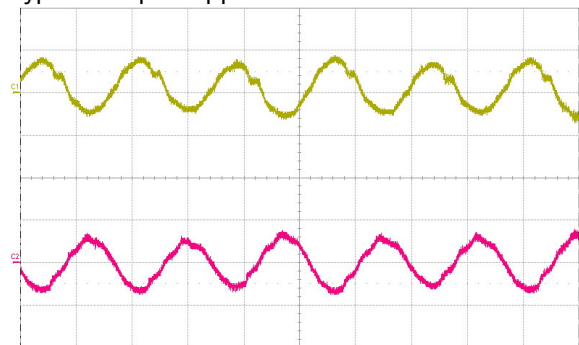
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



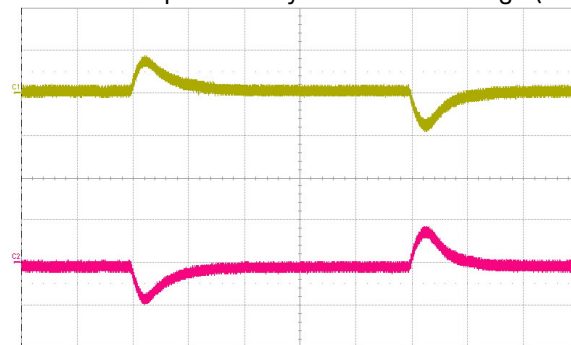
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

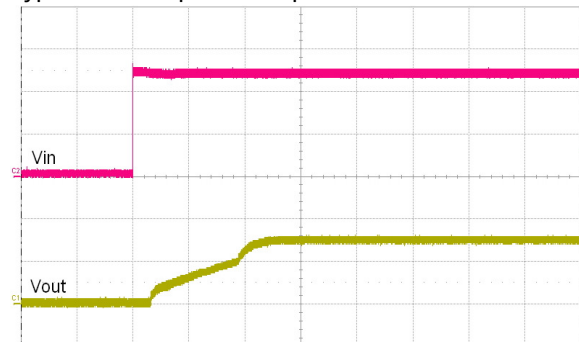
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

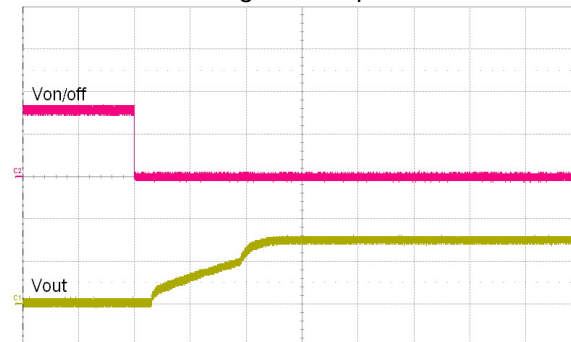


Vout: 10 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

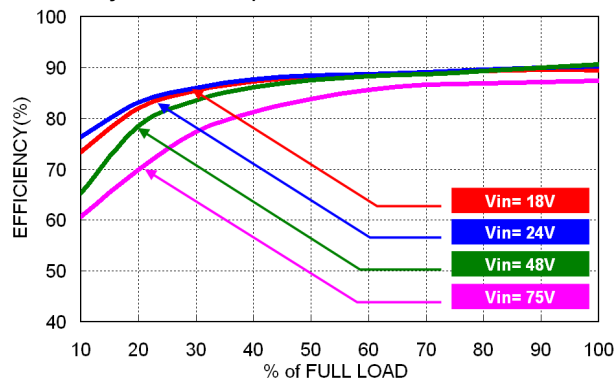
Von/off: 5 V/Div

X: 10 ms/Div

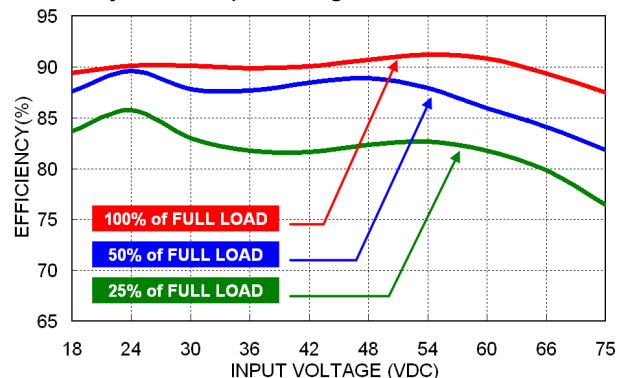
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-4825WIR

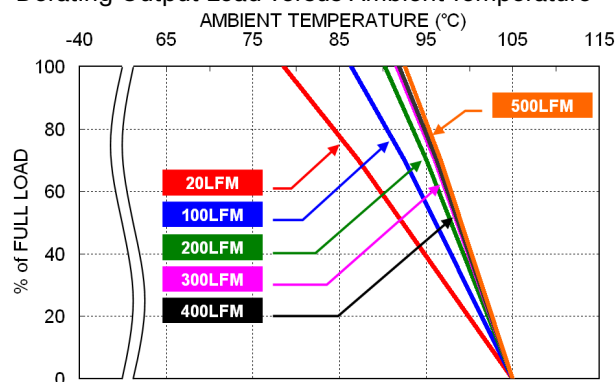
Efficiency versus Output Load



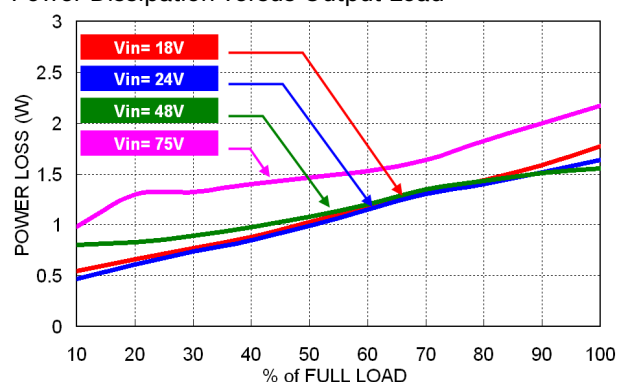
Efficiency versus Input Voltage



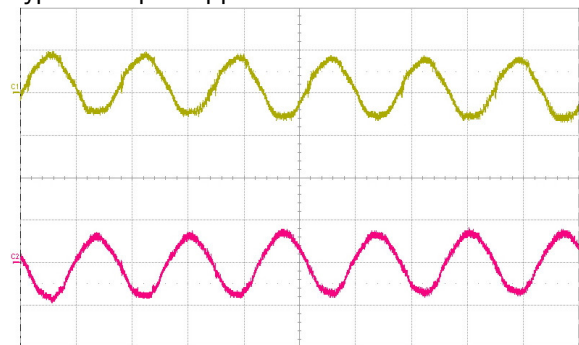
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



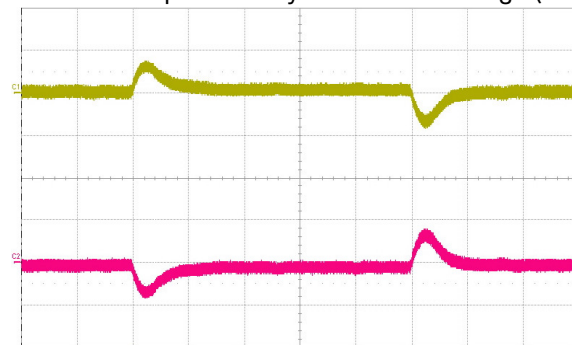
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

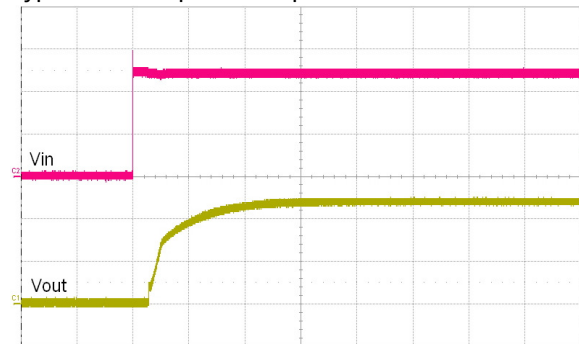
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

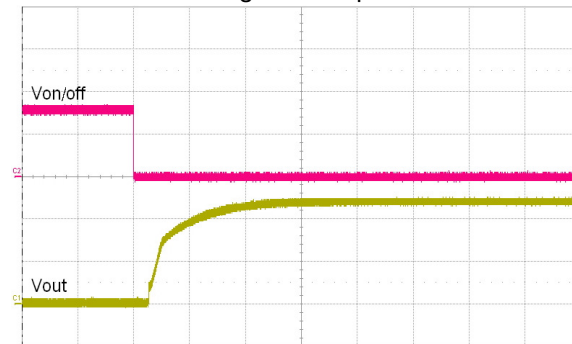


Vout: 10 V/Div

Vin: 20 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

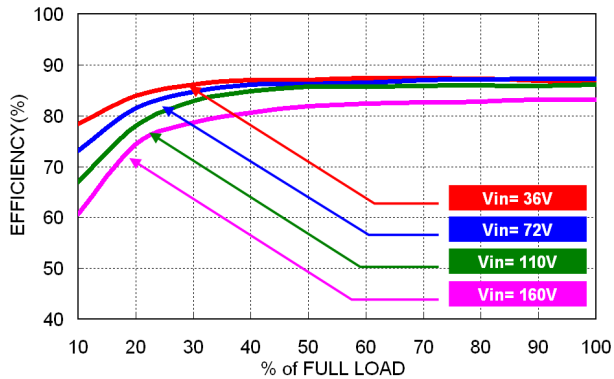
Von/off: 5 V/Div

X: 10 ms/Div

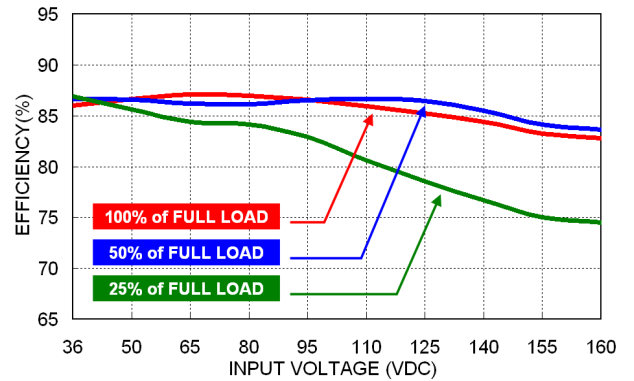
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7210WIR

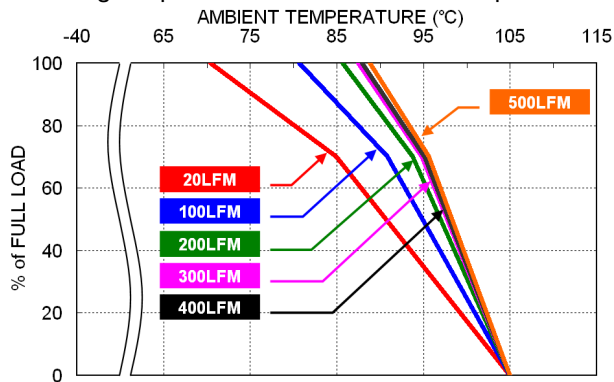
Efficiency versus Output Load



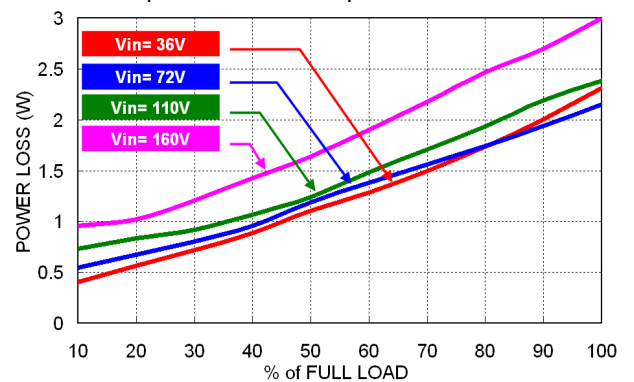
Efficiency versus Input Voltage



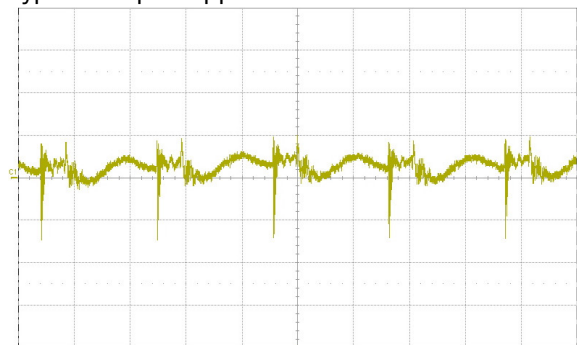
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

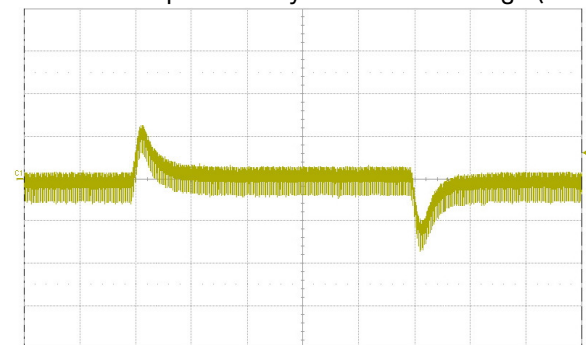


Typical Output Ripple and Noise



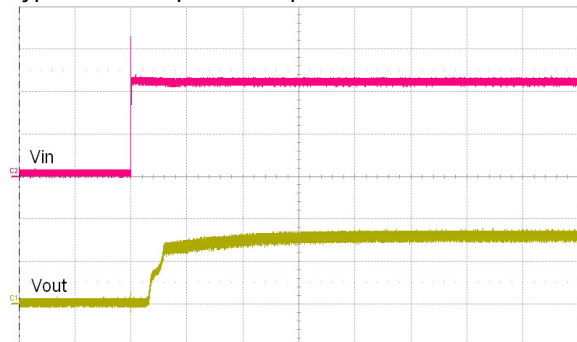
Y: 20 mV/Div Y: 20 mV/Div X: 20 μ s/Div

Transient Response to Dynamic Load Change (25%)



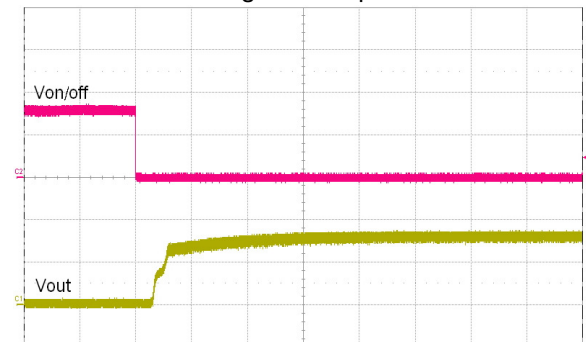
Y: 20 mV/Div Y: 20 mV/Div X: 20 μ s/Div

Typical Start-Up and Output Rise Characteristic



Vout: 20 V/Div Vin: 20 V/Div X: 20 ms/Div

Remote on/off Voltage Start-Up Characteristic

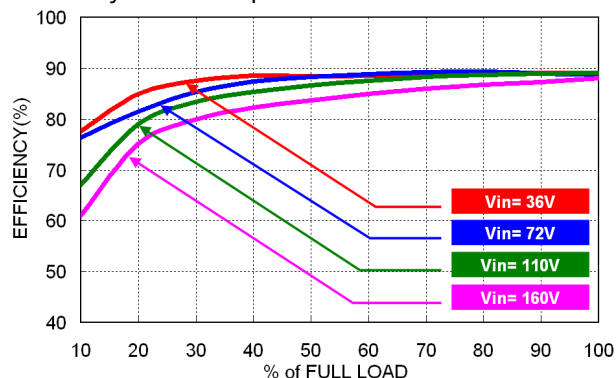


Vout: 20 V/Div Von/off: 20 V/Div X: 20 ms/Div

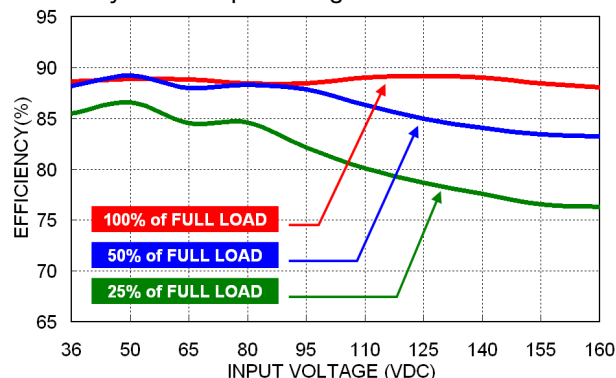
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7211WIR

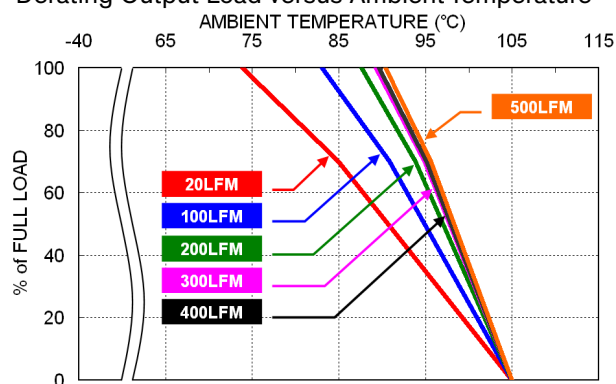
Efficiency versus Output Load



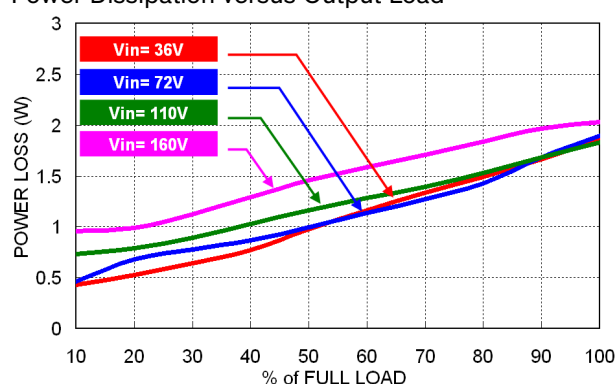
Efficiency versus Input Voltage



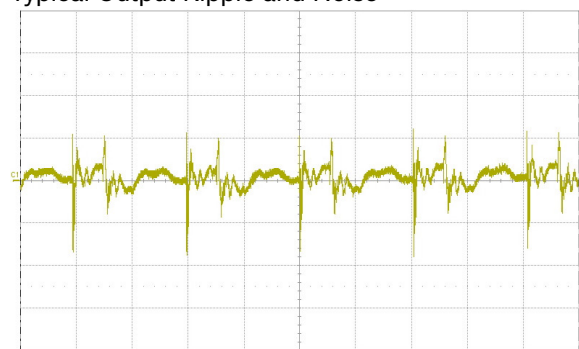
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



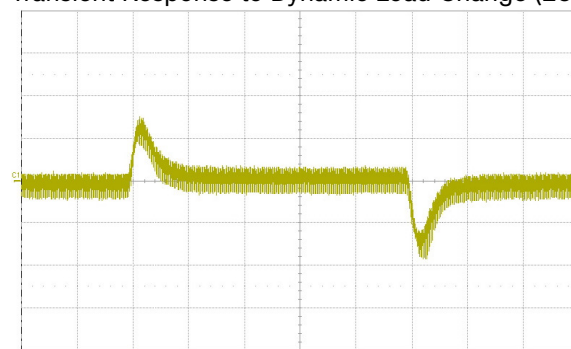
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

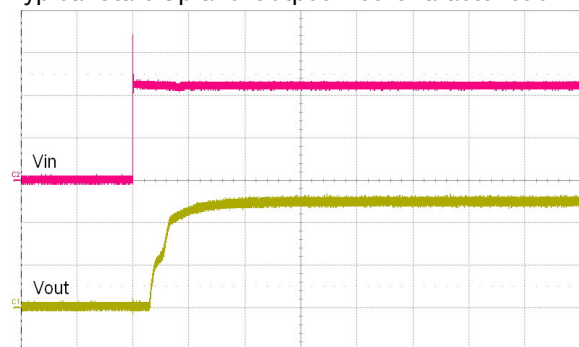
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

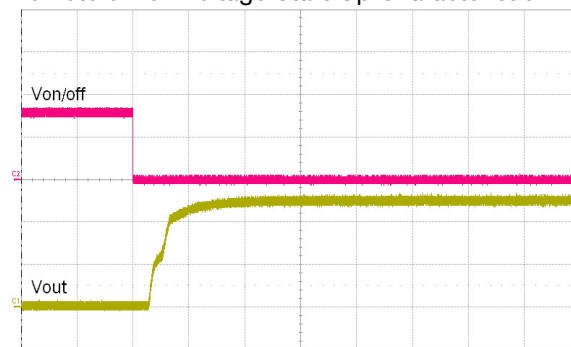


Vout: 2 V/Div

Vin: 50 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 2 V/Div

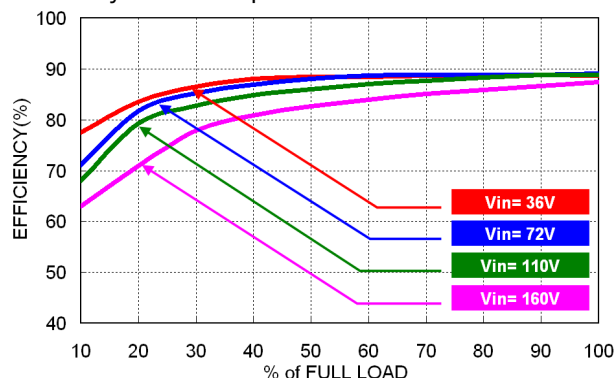
Von/off: 5 V/Div

X: 10 ms/Div

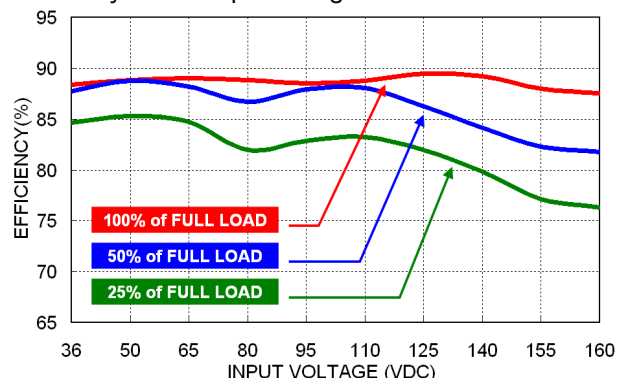
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7212WIR

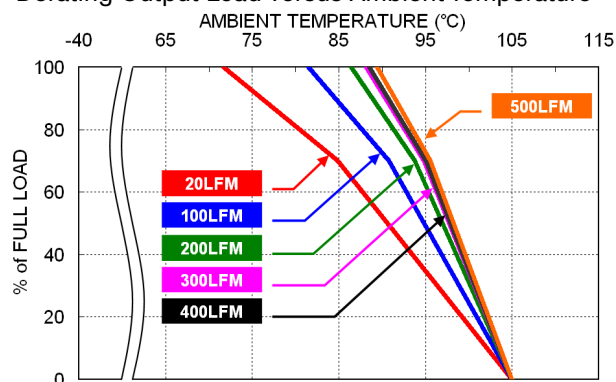
Efficiency versus Output Load



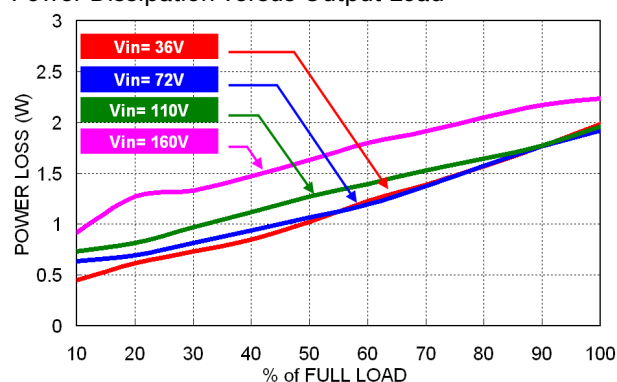
Efficiency versus Input Voltage



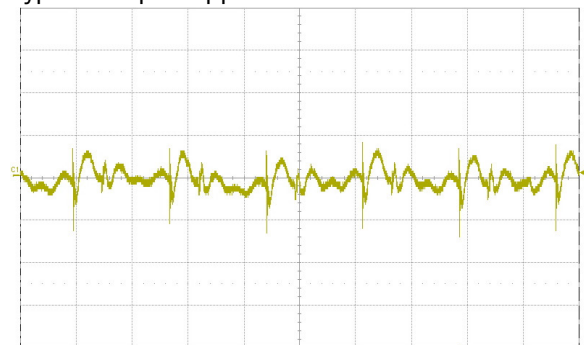
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



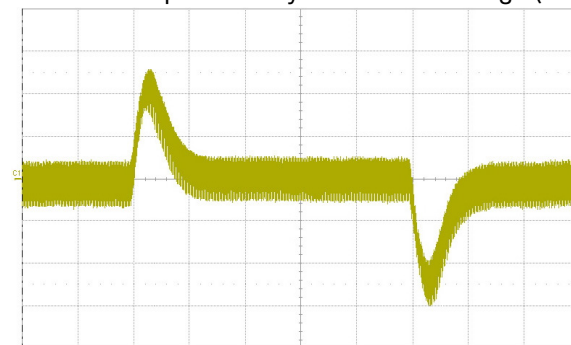
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 µs/Div

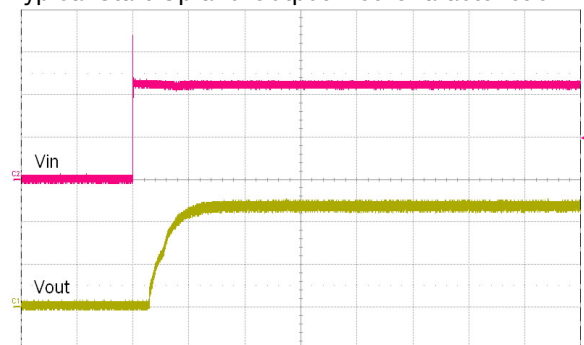
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic

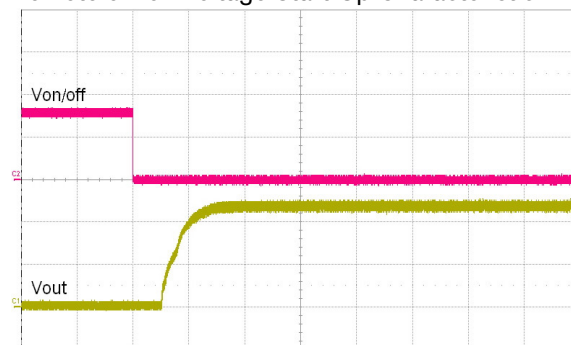


Vout: 5 V/Div

Vin: 50 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 5 V/Div

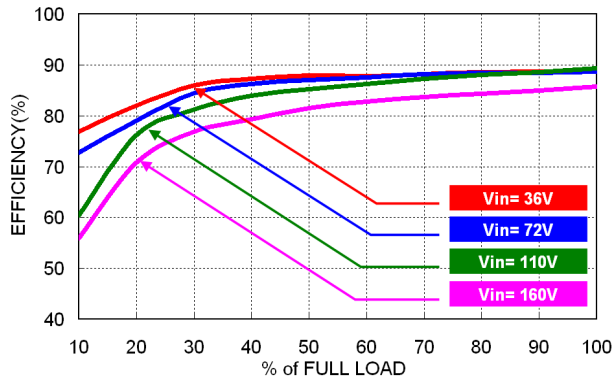
Von/off: 5 V/Div

X: 10 ms/Div

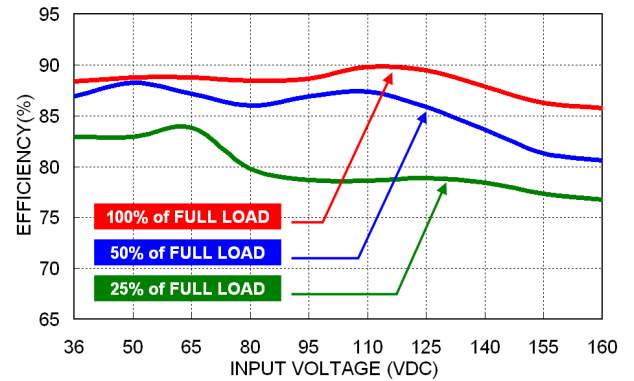
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7213WIR

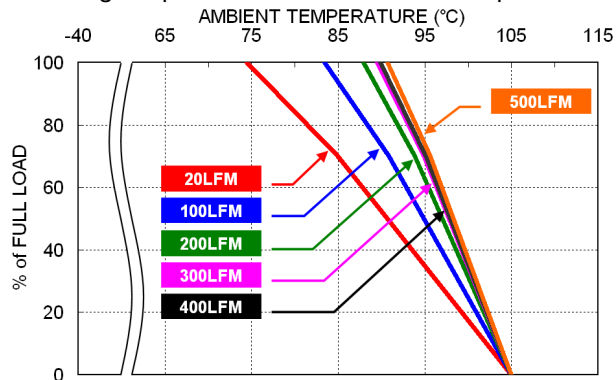
Efficiency versus Output Load



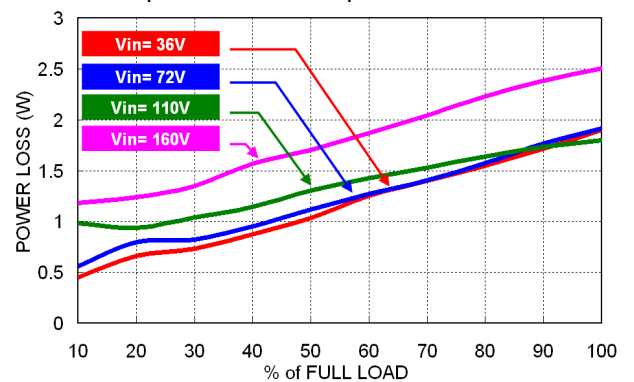
Efficiency versus Input Voltage



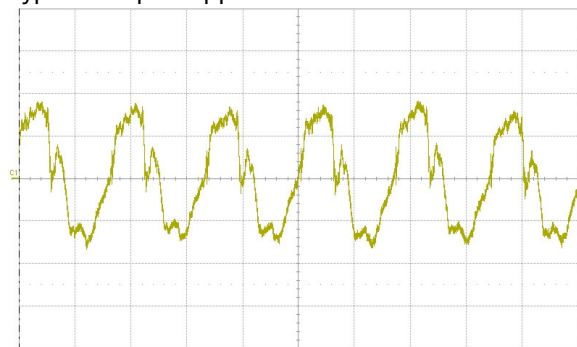
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



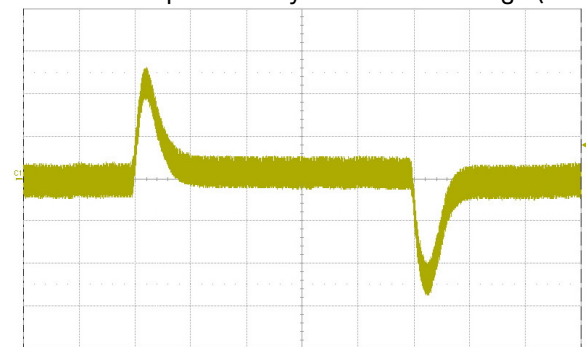
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

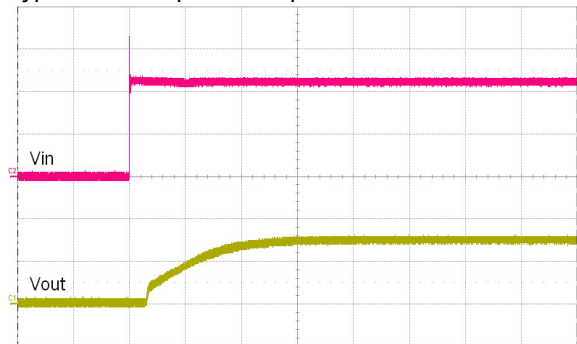
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

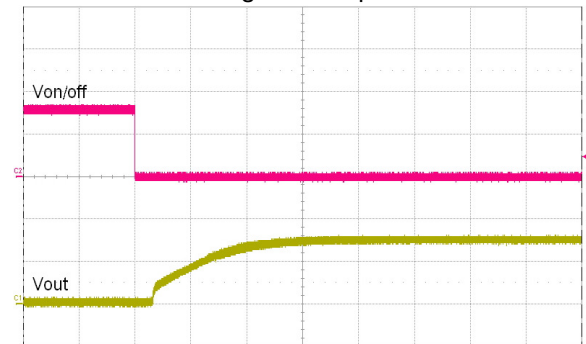


Vout: 10 V/Div

Vin: 50 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

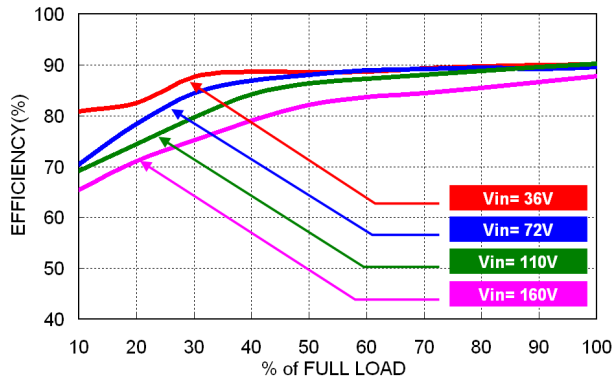
Von/off: 5 V/Div

X: 10 ms/Div

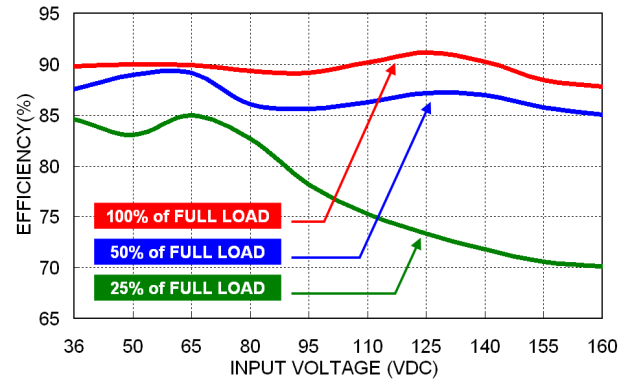
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7215WIR

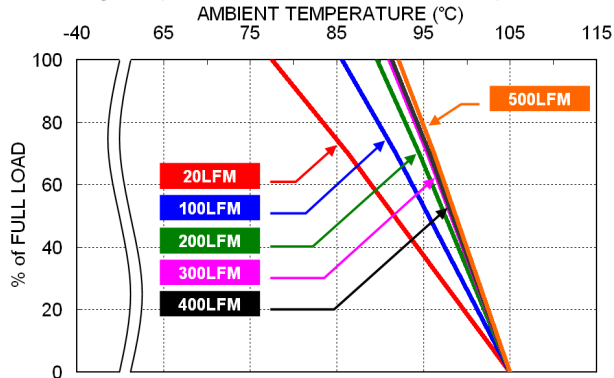
Efficiency versus Output Load



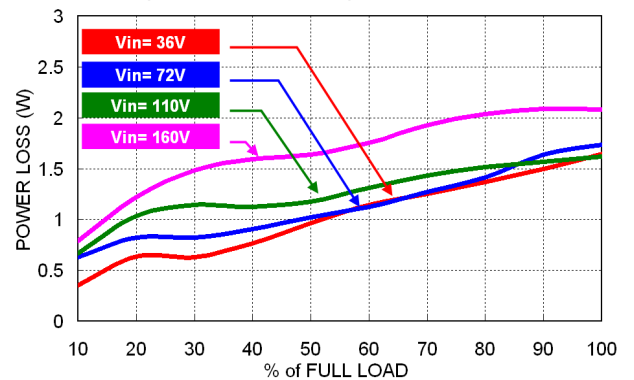
Efficiency versus Input Voltage



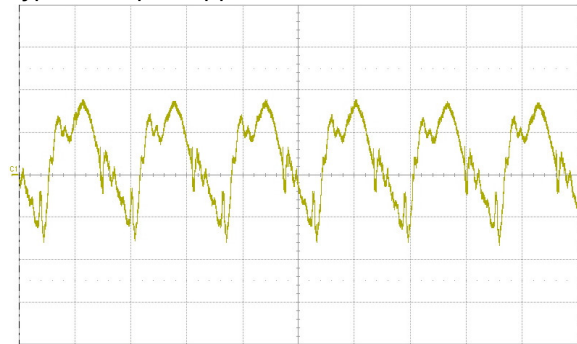
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



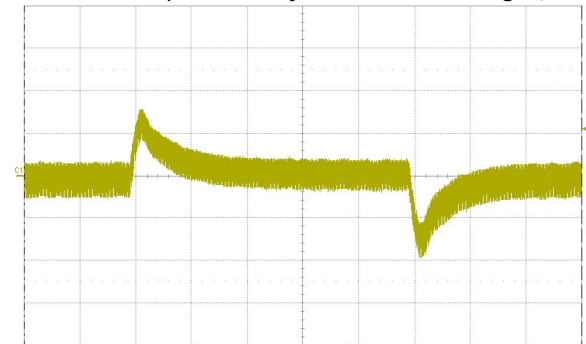
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

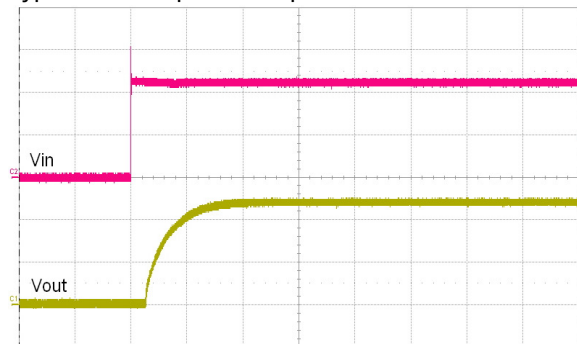
Transient Response to Dynamic Load Change (25%)



Y: 100 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

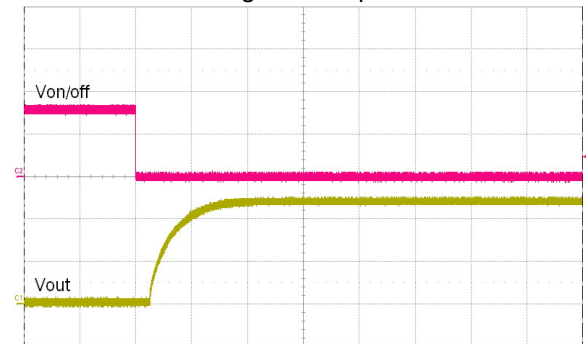


Vout: 10 V/Div

Vin: 50 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

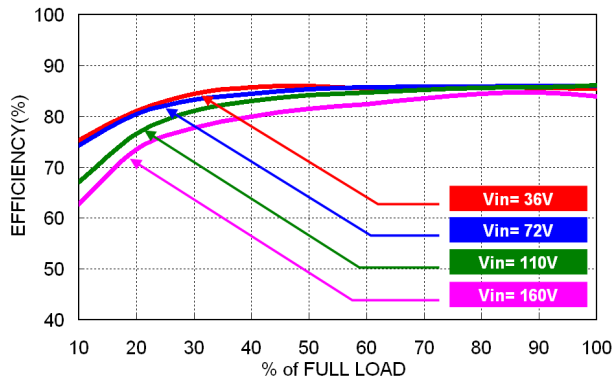
Von/off: 5 V/Div

X: 10 ms/Div

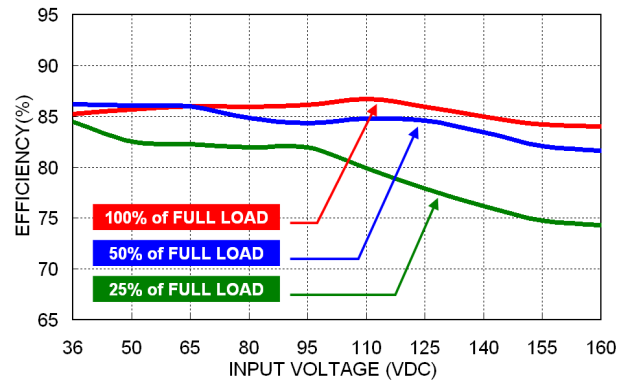
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7221WIR

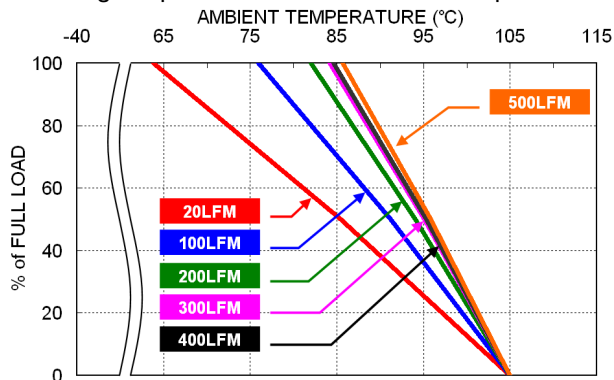
Efficiency versus Output Load



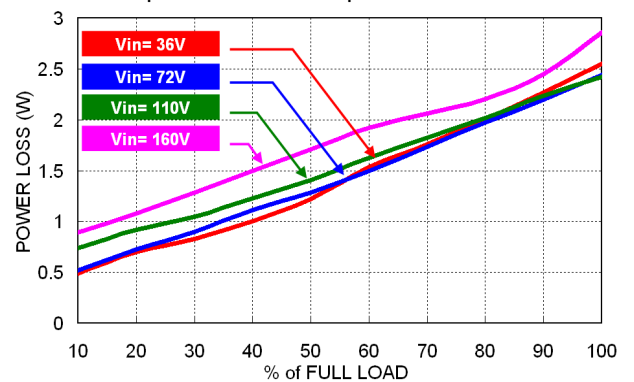
Efficiency versus Input Voltage



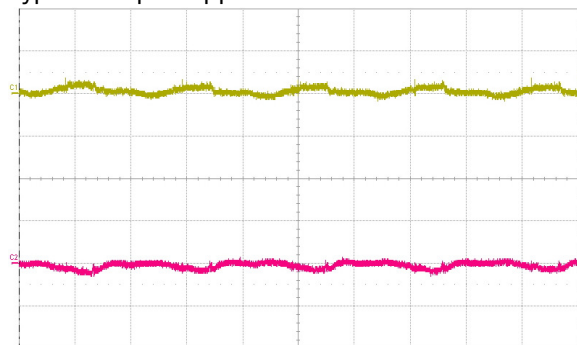
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

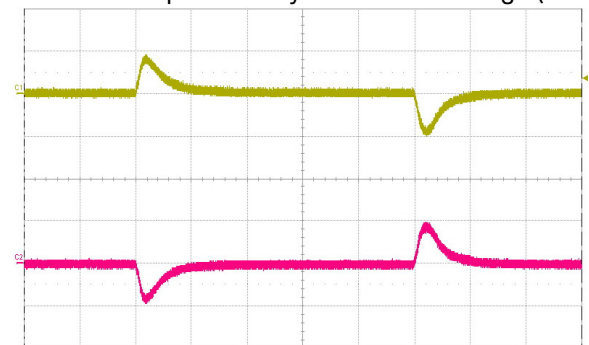


Typical Output Ripple and Noise



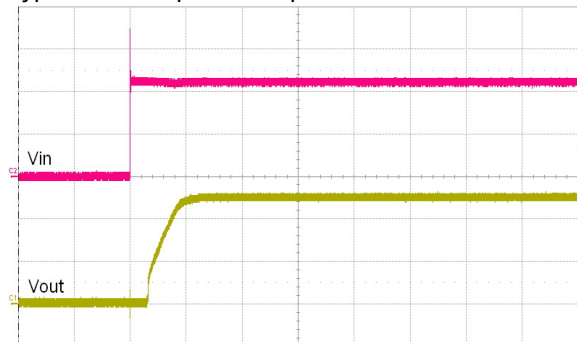
Y: 20 mV/Div Y: 20 mV/Div X: 20 μs/Div

Transient Response to Dynamic Load Change (25%)



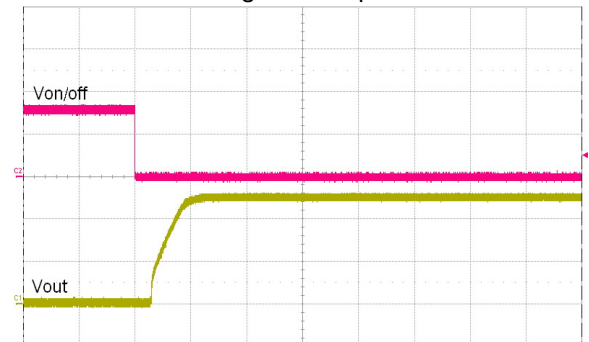
Y: 20 mV/Div Y: 20 mV/Div X: 20 μs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 20 V/Div Vin: 20 V/Div X: 20 ms/Div

Remote on/off Voltage Start-Up Characteristic

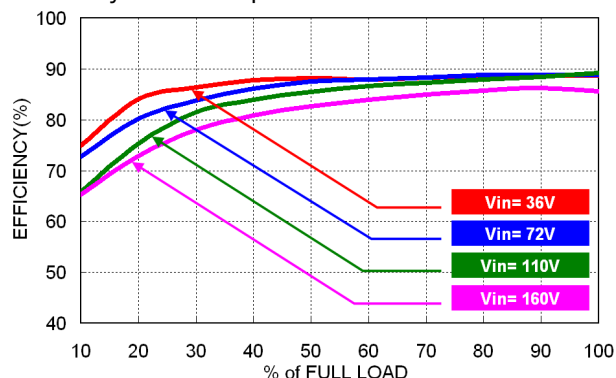


Vout: 20 V/Div Von/off: 20 V/Div X: 20 ms/Div

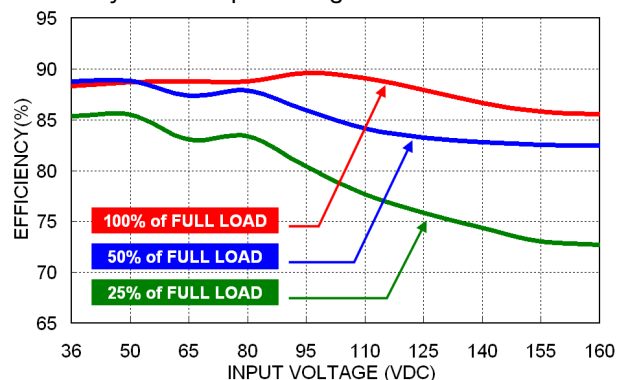
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7222WIR

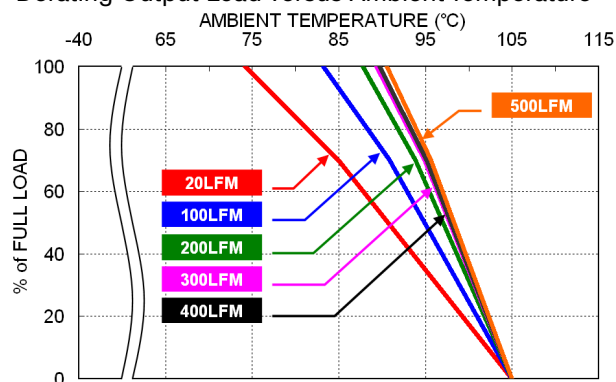
Efficiency versus Output Load



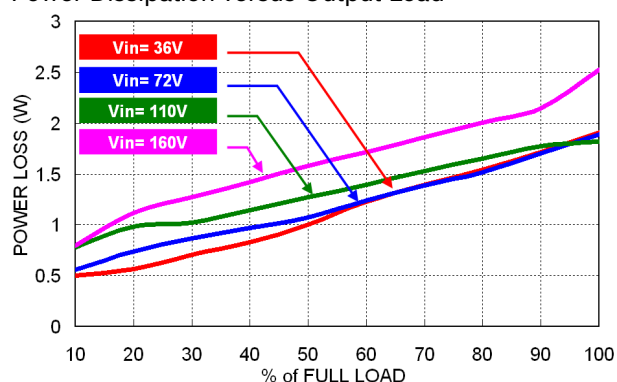
Efficiency versus Input Voltage



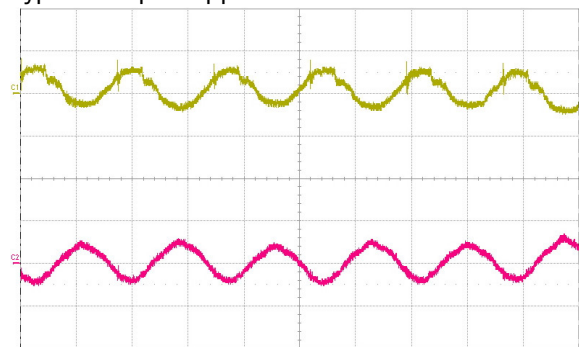
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



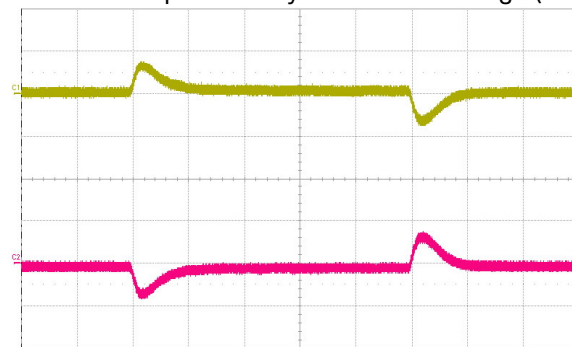
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

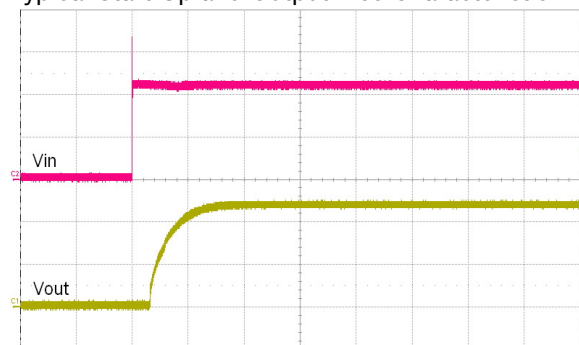
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

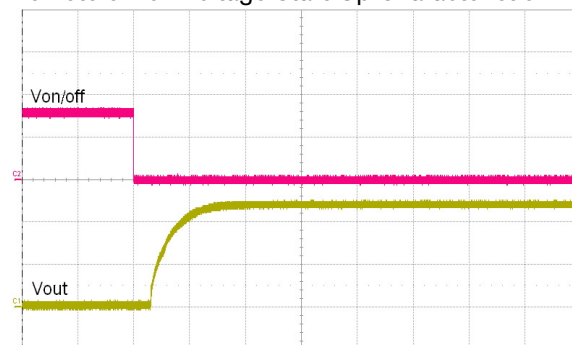


Vout: 5 V/Div

Vin: 50 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 5 V/Div

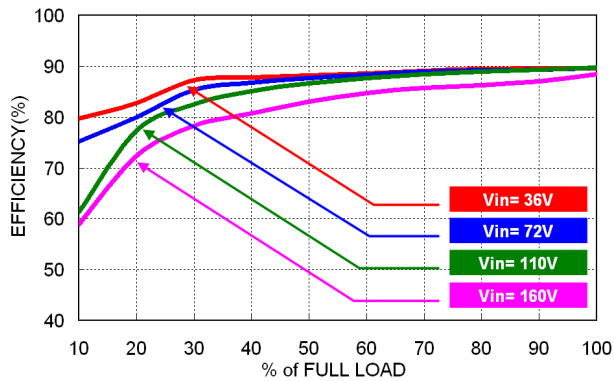
Von/off: 5 V/Div

X: 10 ms/Div

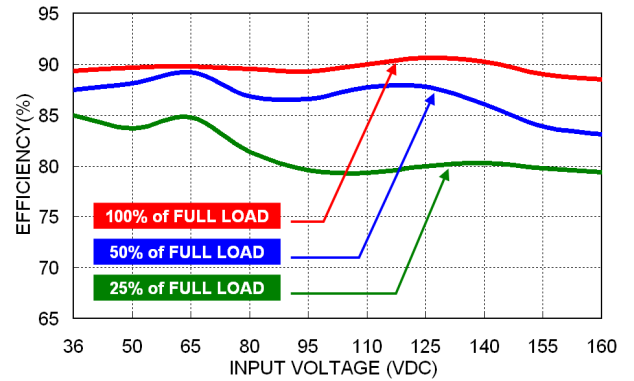
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7223WIR

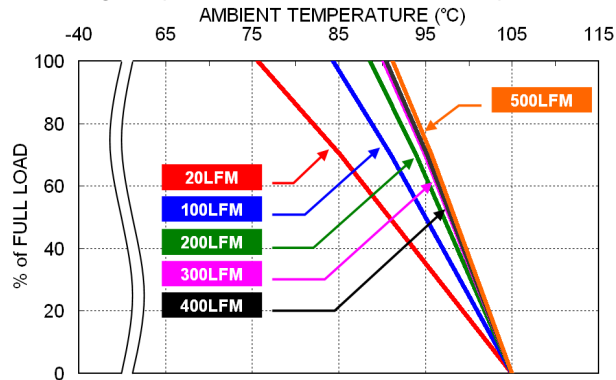
Efficiency versus Output Load



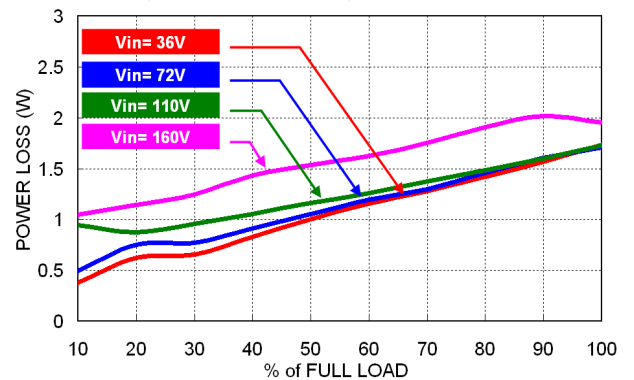
Efficiency versus Input Voltage



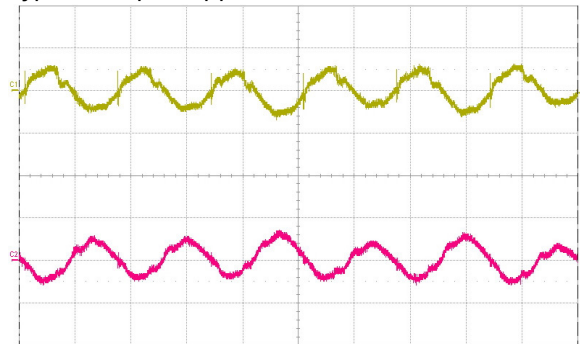
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



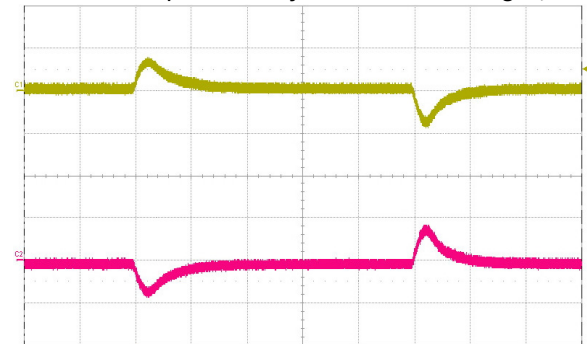
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μ s/Div

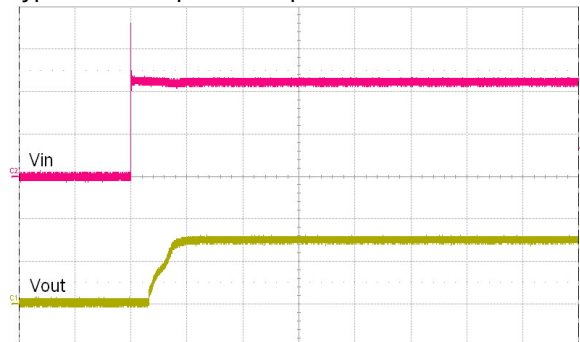
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μ s/Div

Typical Start-Up and Output Rise Characteristic

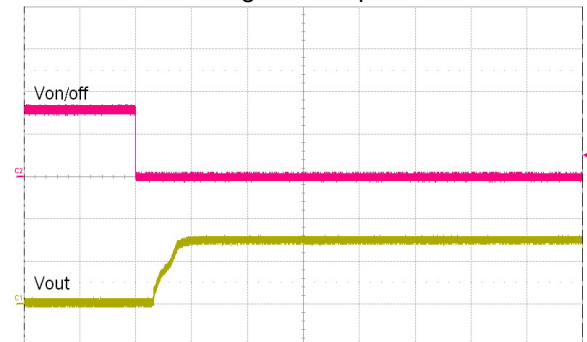


Vout: 10 V/Div

Vin: 50 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

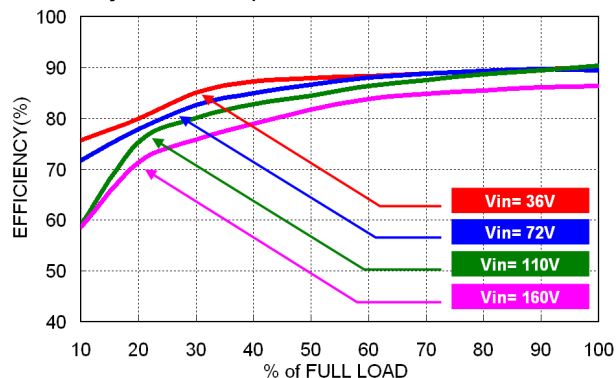
Von/off: 5 V/Div

X: 10 ms/Div

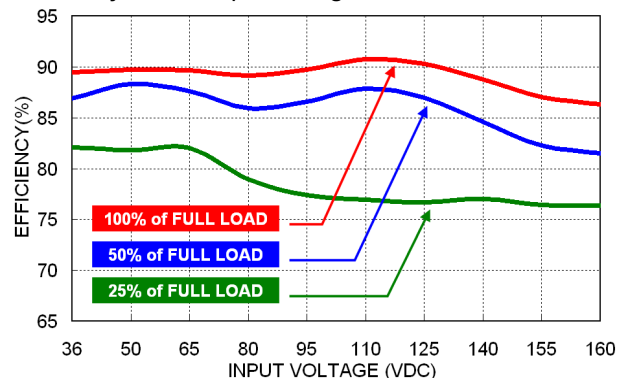
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-7225WIR

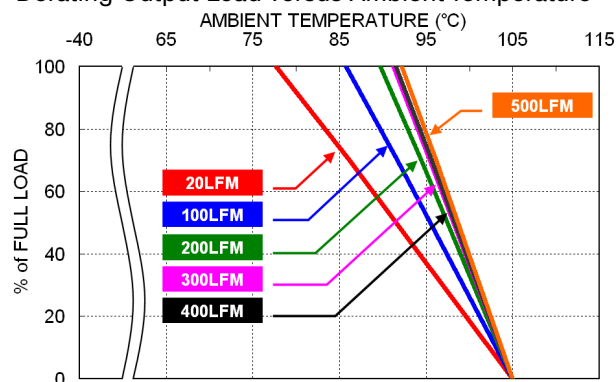
Efficiency versus Output Load



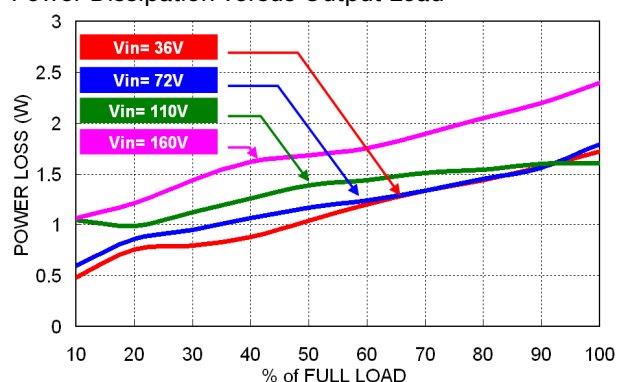
Efficiency versus Input Voltage



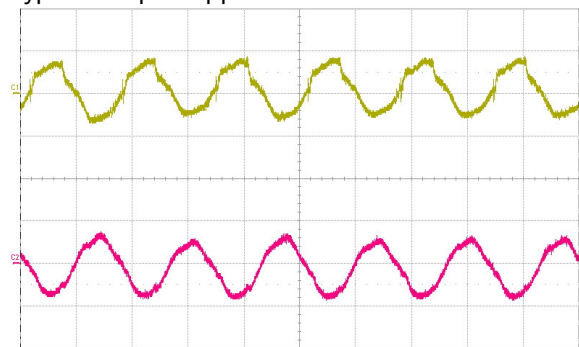
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load



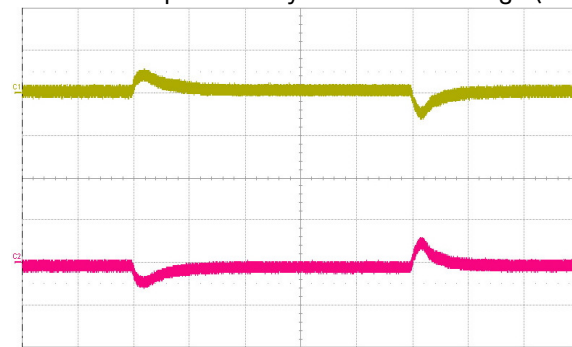
Typical Output Ripple and Noise



Y: 20 mV/Div

X: 2 μs/Div

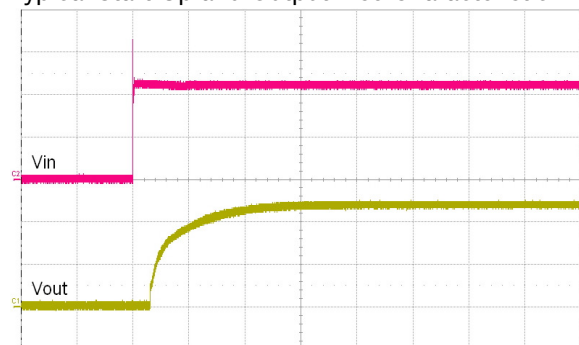
Transient Response to Dynamic Load Change (25%)



Y: 200 mV/Div

X: 200 μs/Div

Typical Start-Up and Output Rise Characteristic

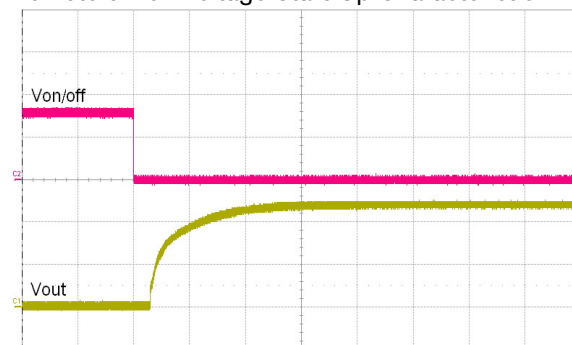


Vout: 10 V/Div

Vin: 50 V/Div

X: 10 ms/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 10 V/Div

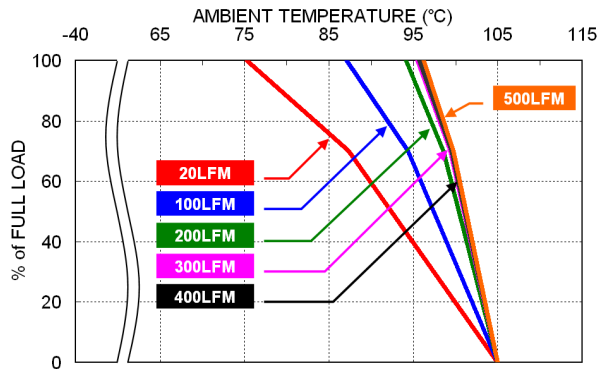
Von/off: 5 V/Div

X: 10 ms/Div

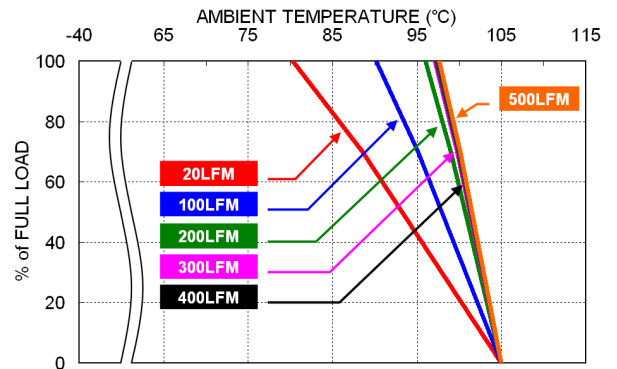
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-241xWIR Derating output power versus Ambient temperature with heatsink

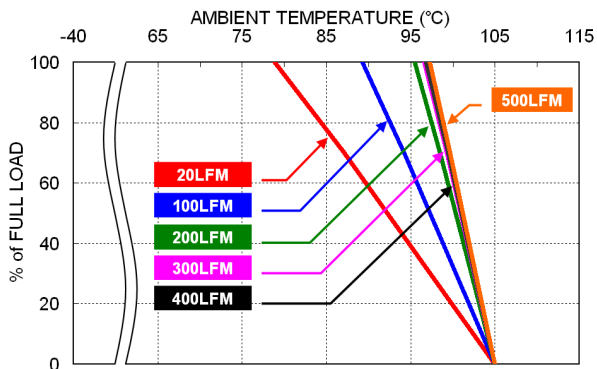
THN 15-2410WIR with heatsink



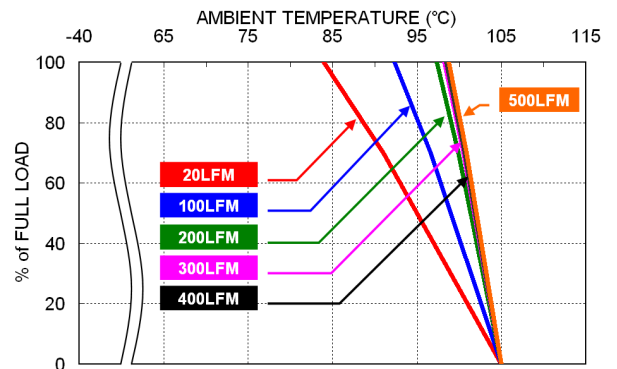
THN 15-2411WIR with heatsink



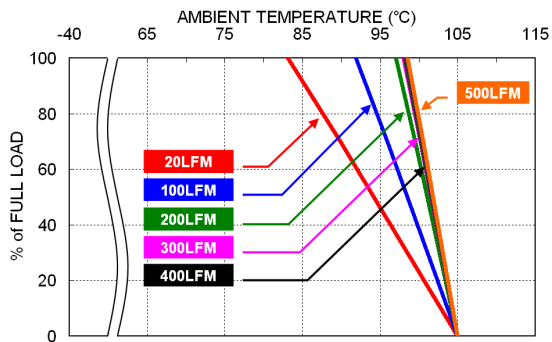
THN 15-2412WIR with heatsink



THN 15-2413WIR with heatsink



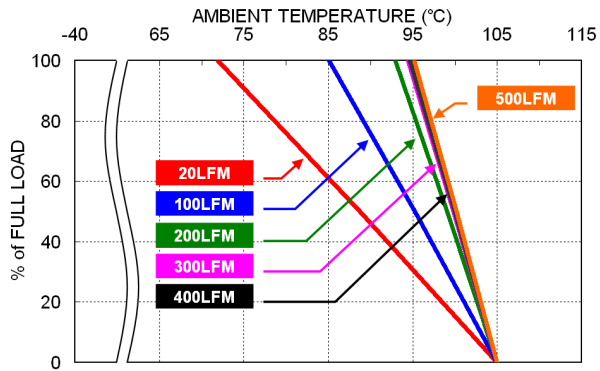
THN 15-2415WIR with heatsink



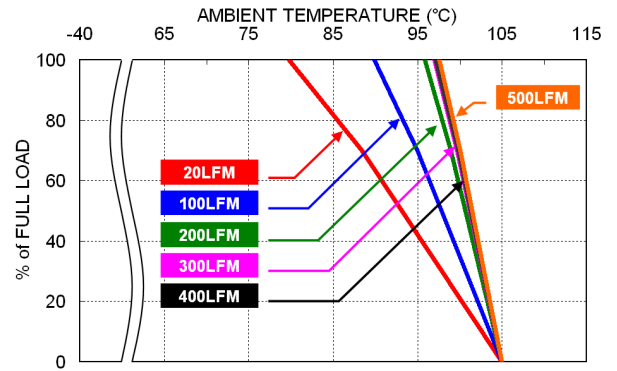
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-242xWIR Derating output power versus Ambient temperature with heatsink

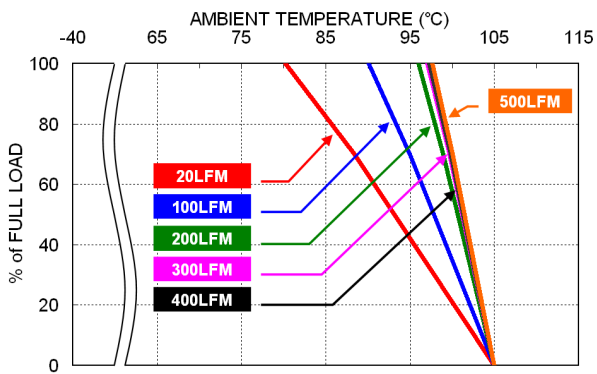
THN 15-2421WIR with heatsink



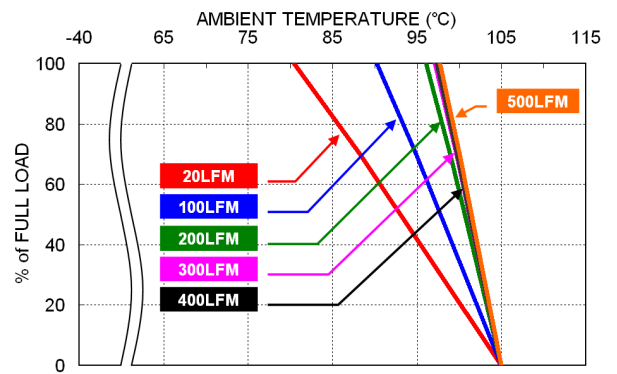
THN 15-2422WIR with heatsink



THN 15-2423WIR with heatsink



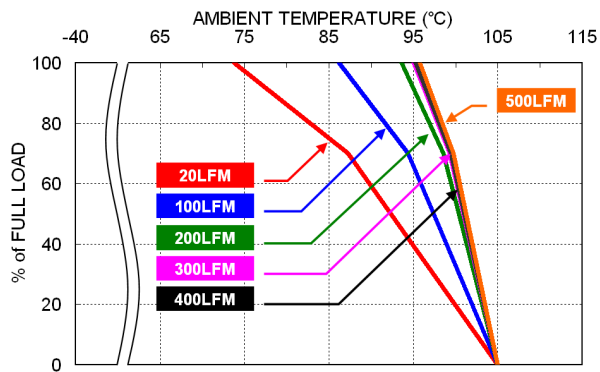
THN 15-2425WIR with heatsink



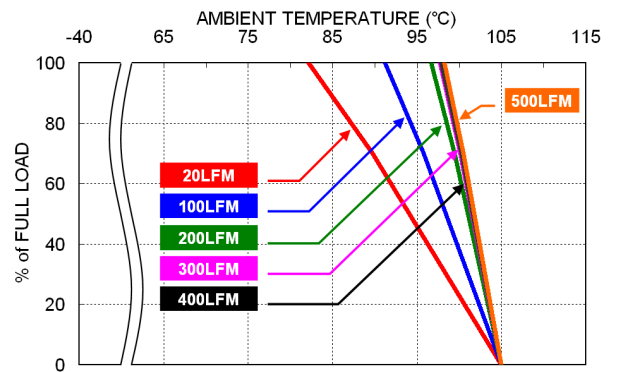
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-481xWIR Derating output power versus Ambient temperature with heatsink

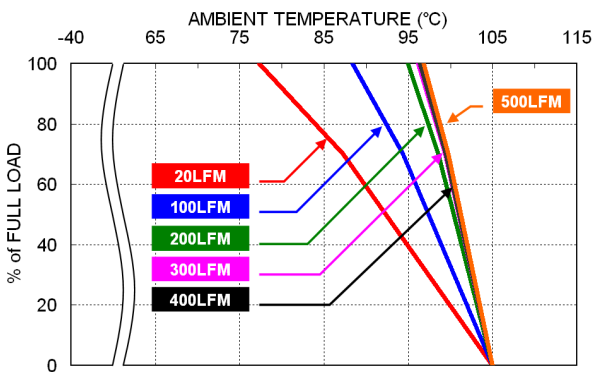
THN 15-4810WIR with heatsink



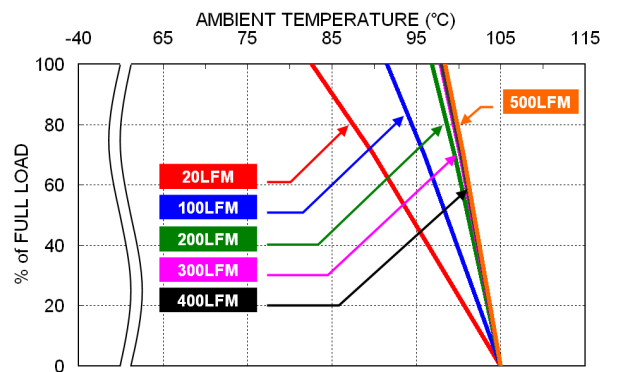
THN 15-4811WIR with heatsink



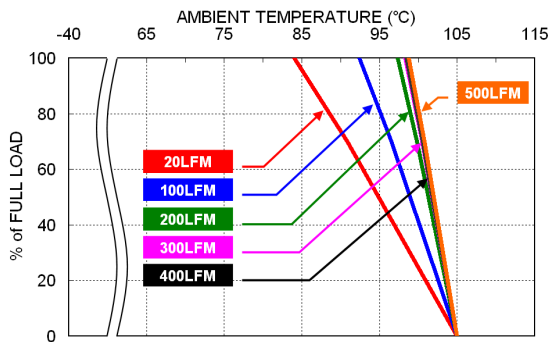
THN 15-4812WIR with heatsink



THN 15-4813WIR with heatsink



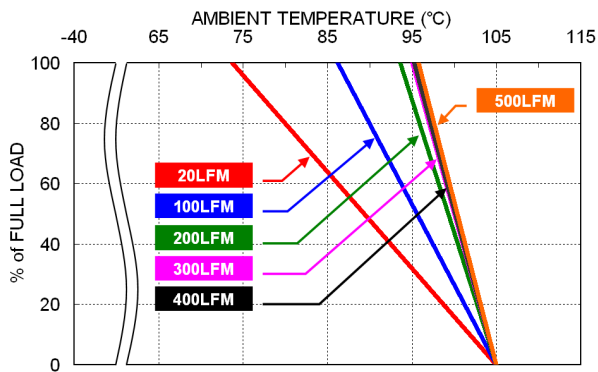
THN 15-4815WIR with heatsink



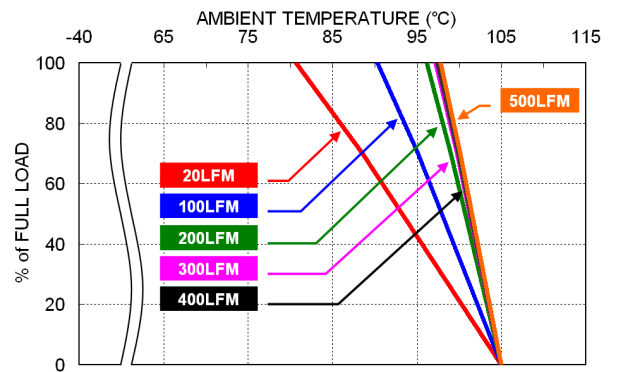
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-482xWIR Derating output power versus Ambient temperature with heatsink

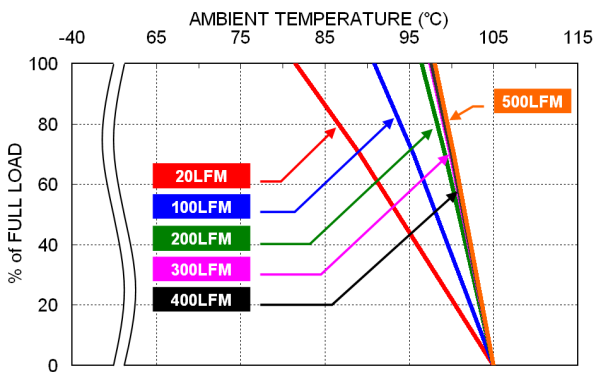
THN 15-4821WIR with heatsink



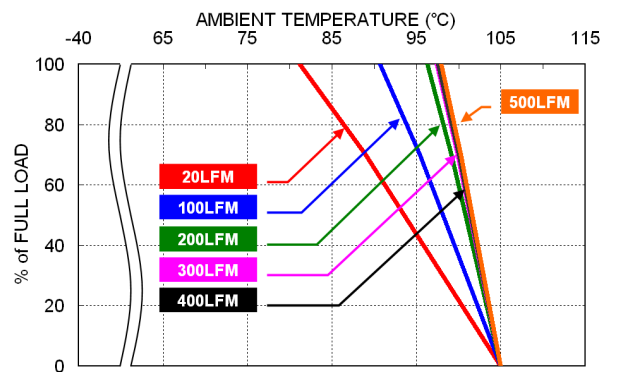
THN 15-4822WIR with heatsink



THN 15-4823WIR with heatsink



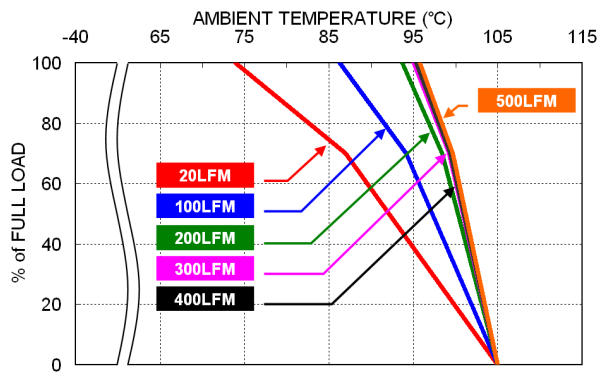
THN 15-4825WIR with heatsink



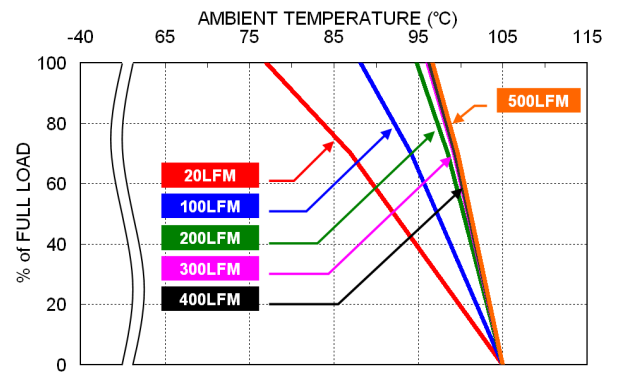
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-721xWIR Derating output power versus Ambient temperature with heatsink

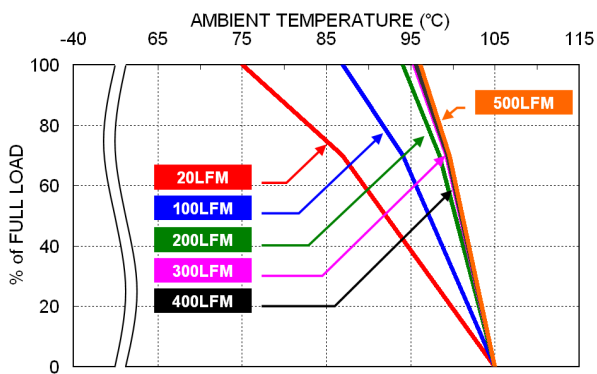
THN 15-7210WIR with heatsink



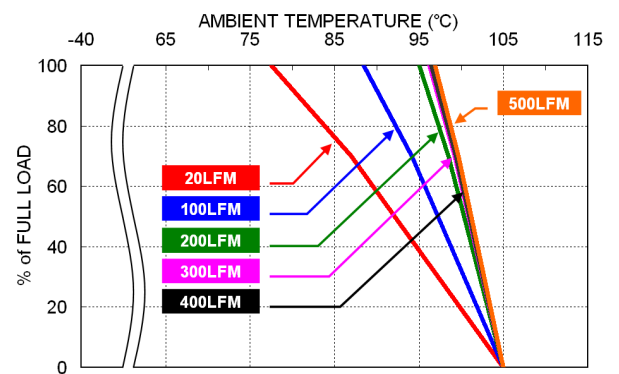
THN 15-7211WIR with heatsink



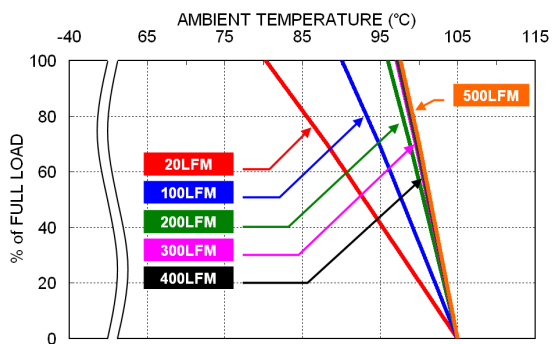
THN 15-7212WIR with heatsink



THN 15-7213WIR with heatsink



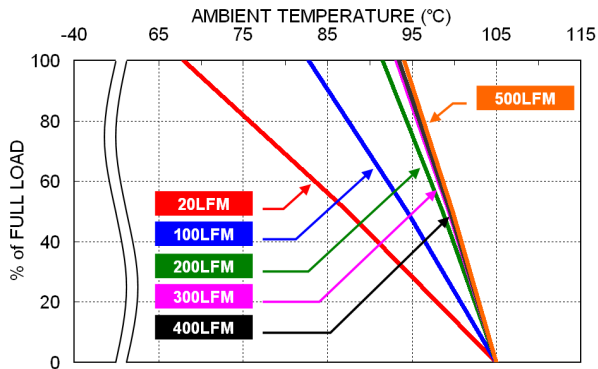
THN 15-7215WIR with heatsink



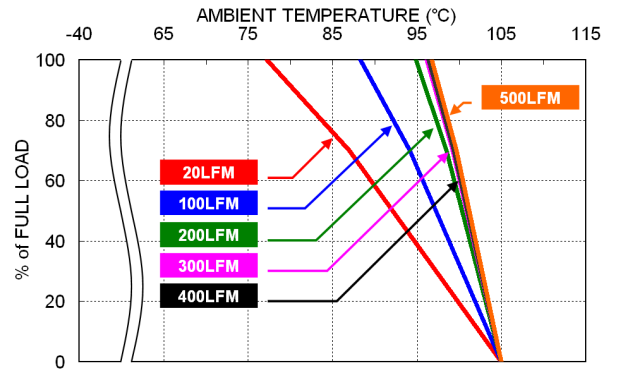
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

THN 15-722xWIR Derating output power versus Ambient temperature with heatsink

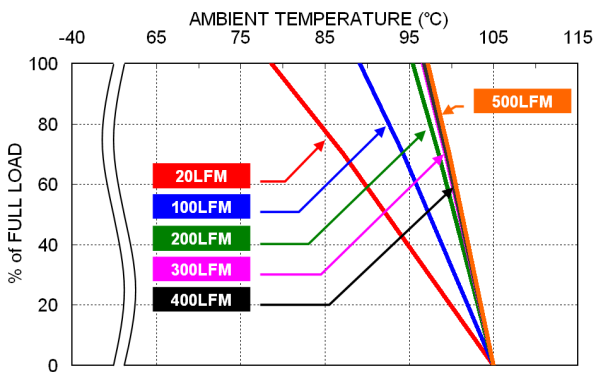
THN 15-7221WIR with heatsink



THN 15-7222WIR with heatsink



THN 15-7223WIR with heatsink



THN 15-7225WIR with heatsink

