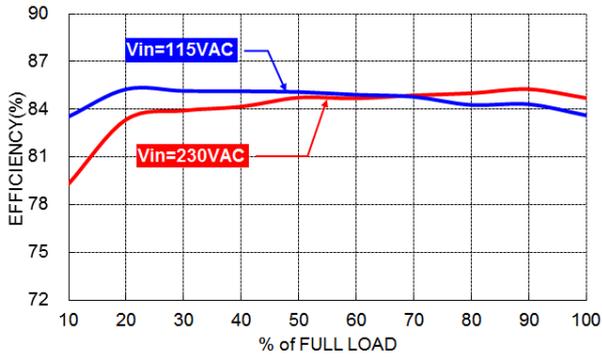


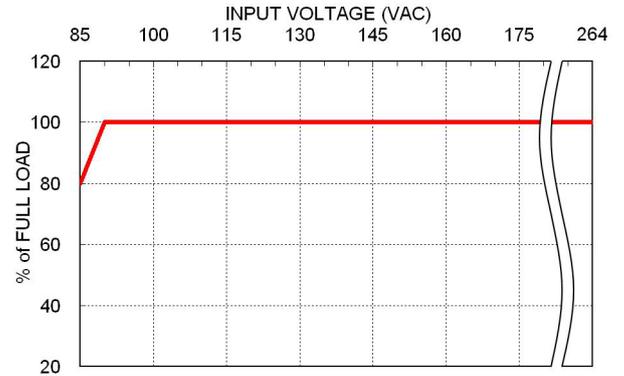
Characteristic Curves

TPP 15-103-D / TPP 15-103-J

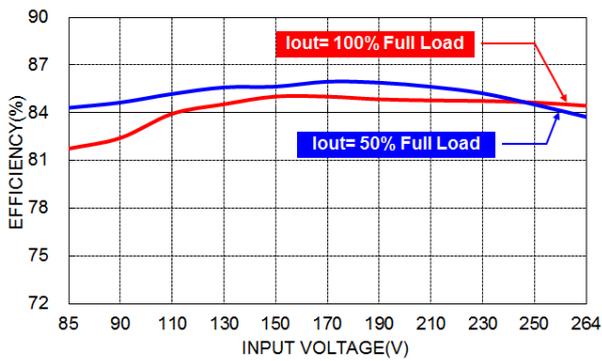
Efficiency versus Output Load



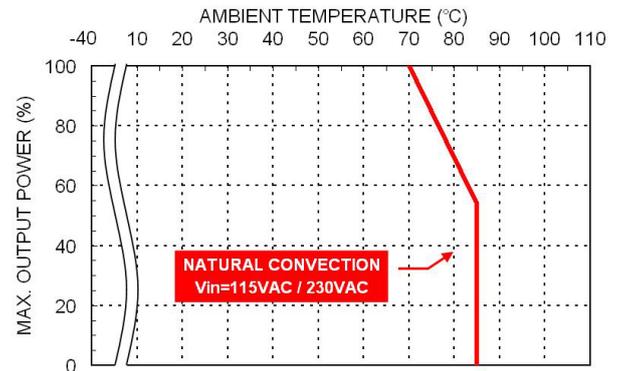
Power Dissipation versus Output Load



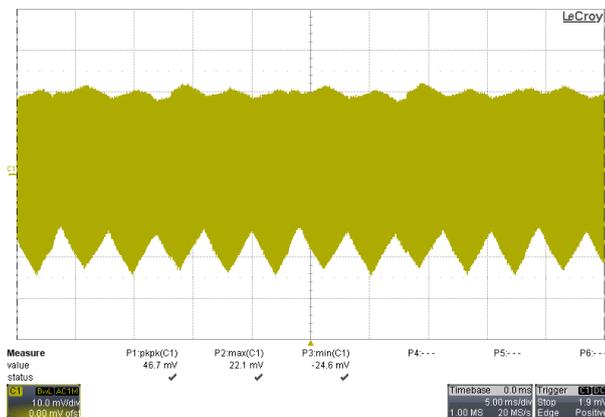
Efficiency versus Input Voltage



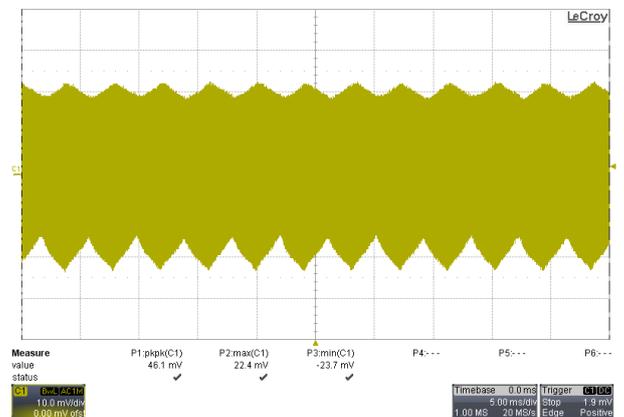
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)

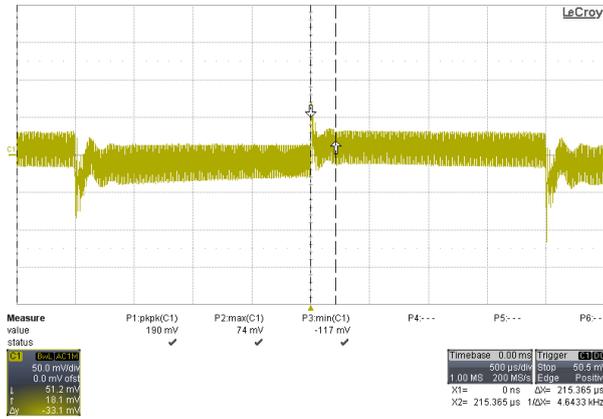


Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)

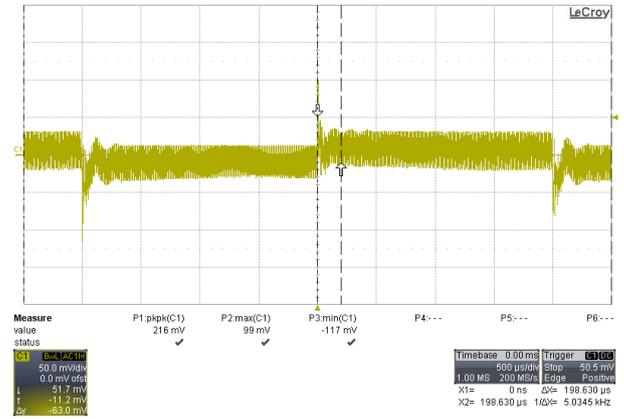


TPP 15-103-D / TPP 15-103-J

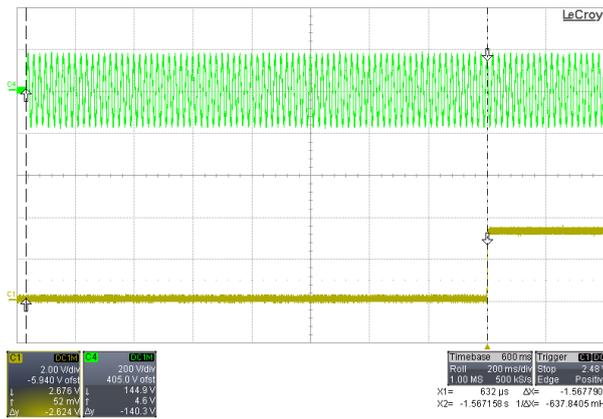
Transient Response to Dynamic Load Change (25%) at 115 Vin



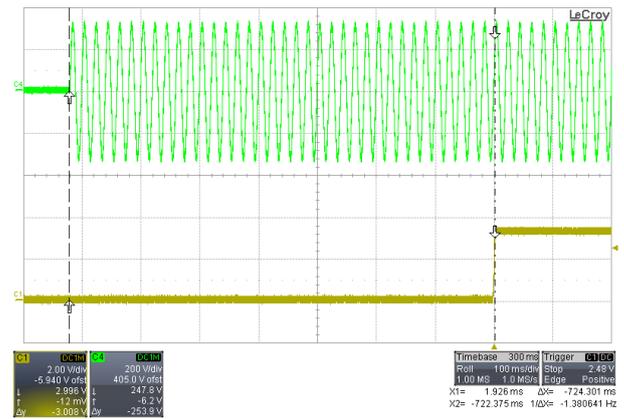
Transient Response to Dynamic Load Change (25%) at 230 Vin



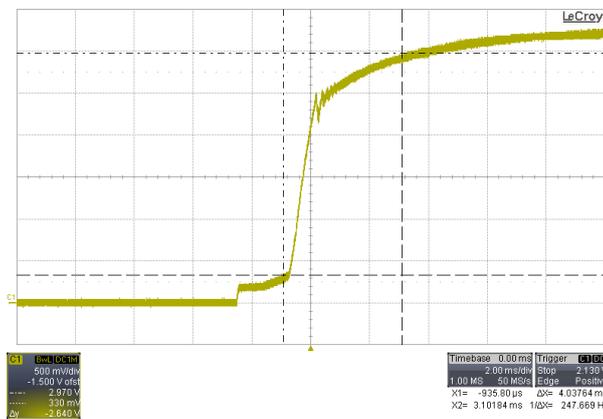
Typical Start-Up and Output Rise Characteristic at 115 Vin



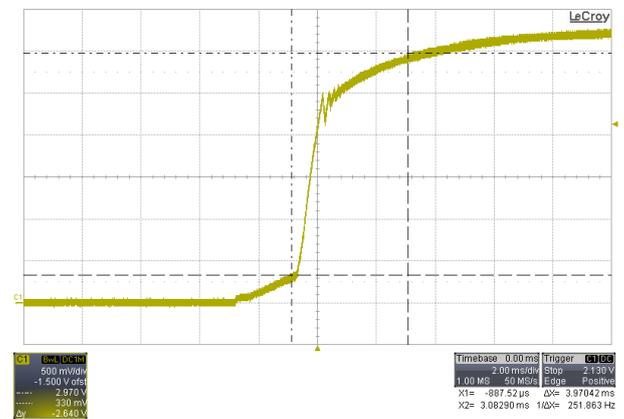
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



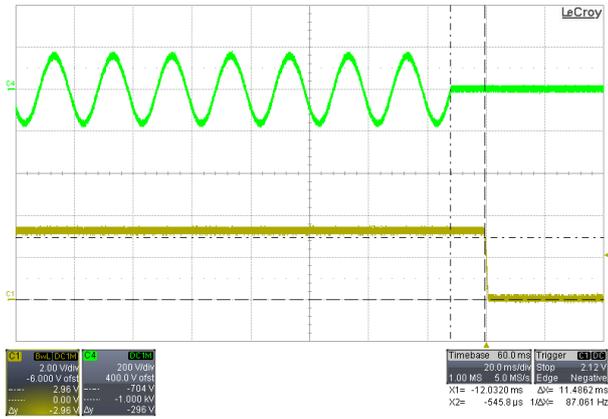
Typical Output Rise Characteristic at 230 Vin



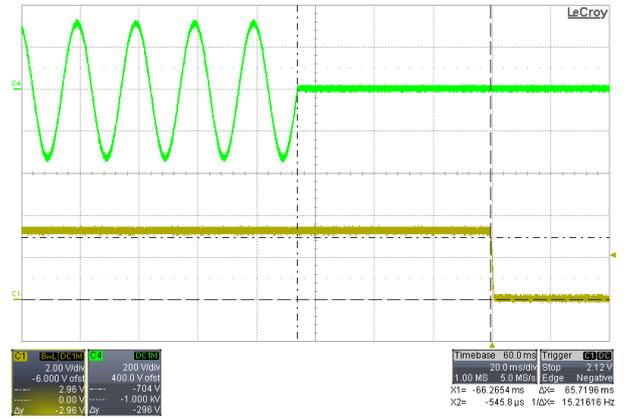
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-103-D / TPP 15-103-J

Typical Hold-Up Characteristic at 115 Vin

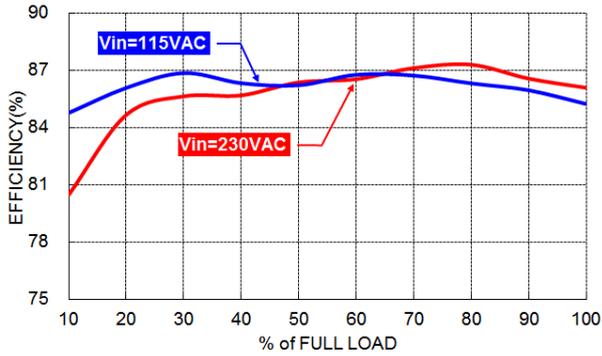


Typical Hold-Up Characteristic at 230 Vin

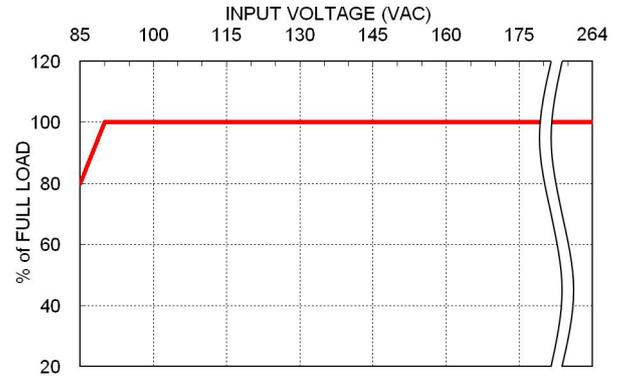


TPP 15-105-D / TPP 15-105-J

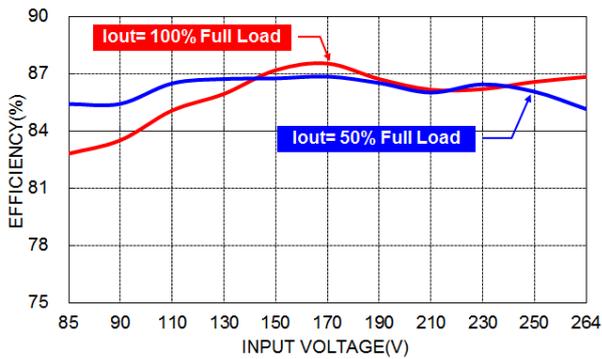
Efficiency versus Output Load



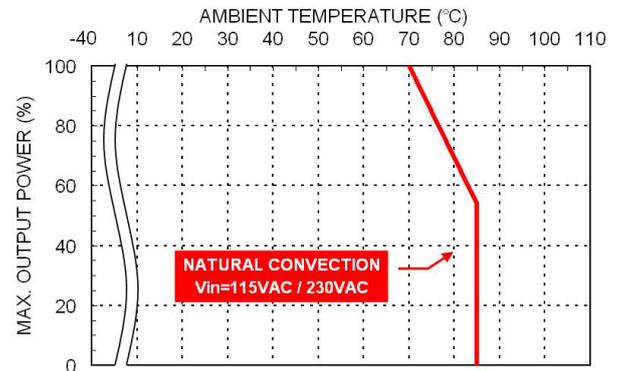
Power Dissipation versus Output Load



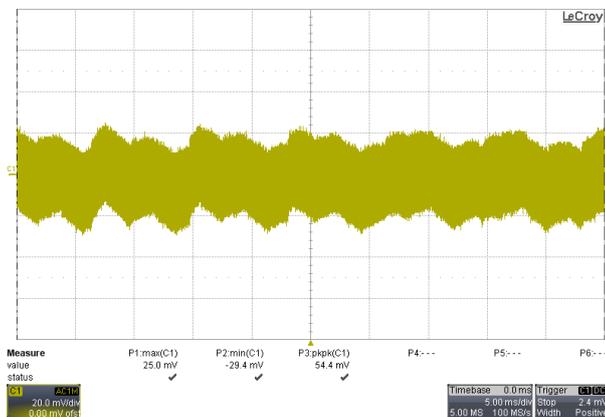
Efficiency versus Input Voltage



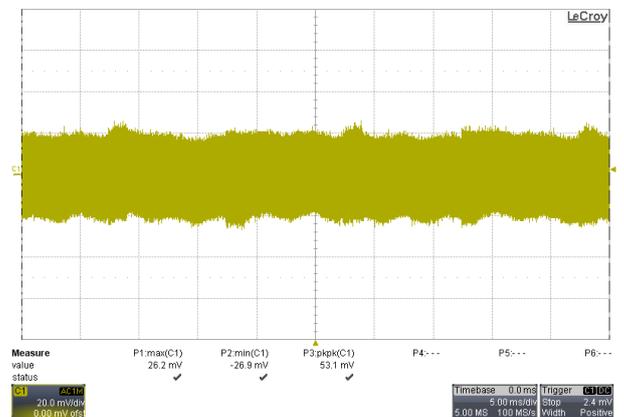
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)



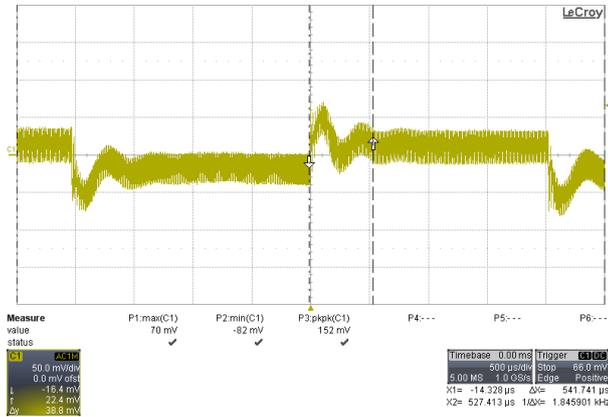
Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)



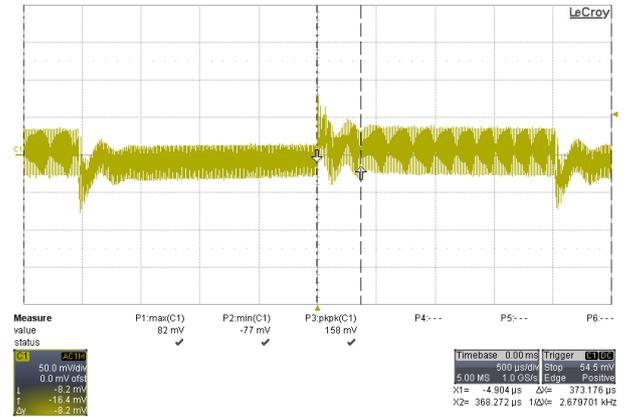
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-105-D / TPP 15-105-J

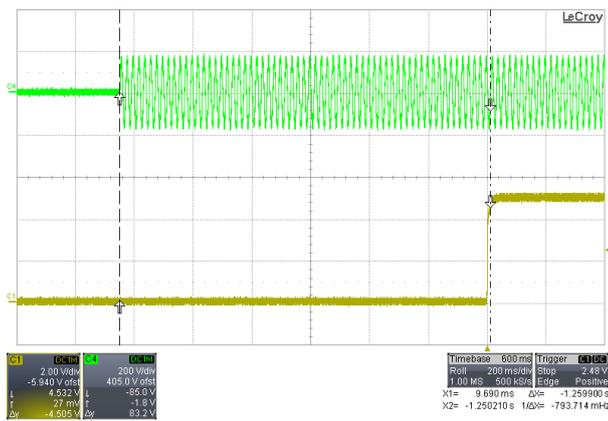
Transient Response to Dynamic Load Change (25%) at 115 Vin



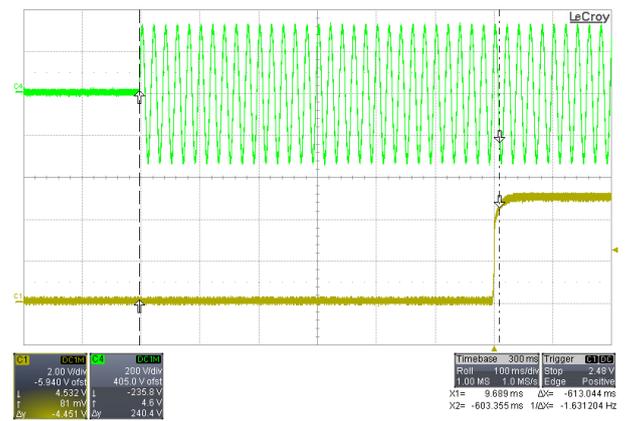
Transient Response to Dynamic Load Change (25%) at 230 Vin



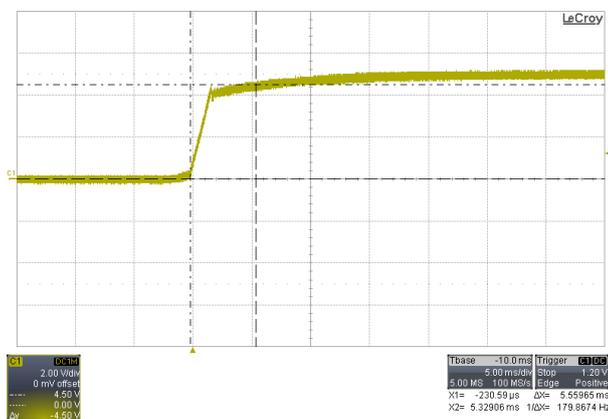
Typical Start-Up and Output Rise Characteristic at 115 Vin



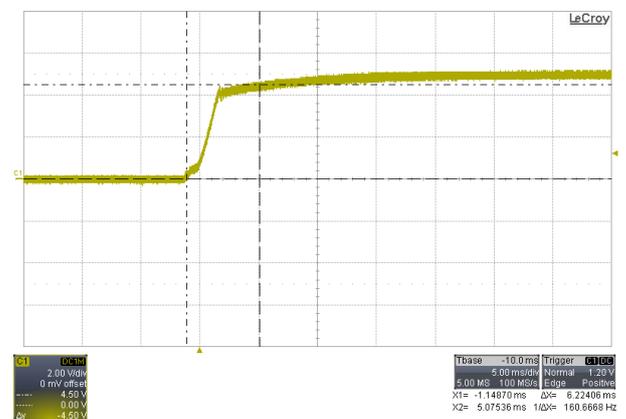
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



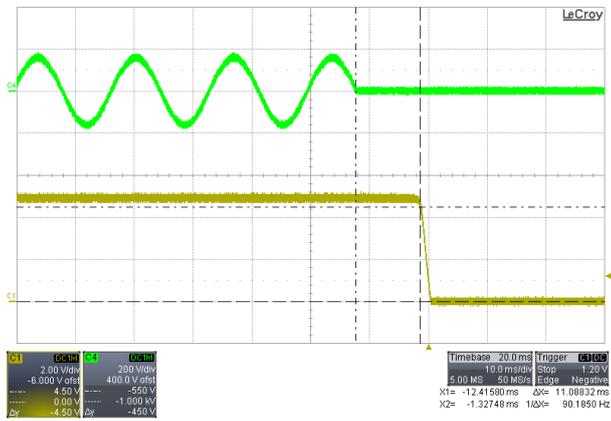
Typical Output Rise Characteristic at 230 Vin



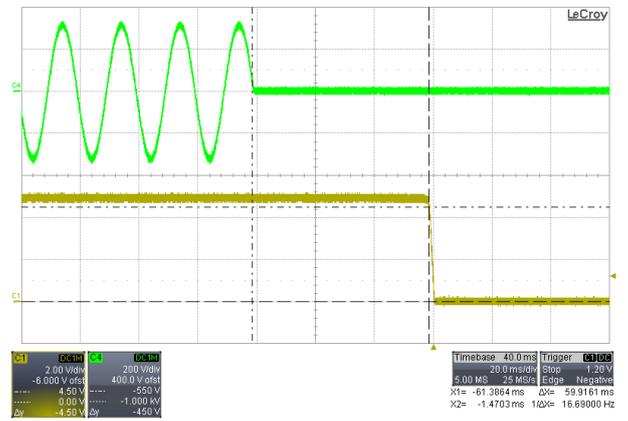
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-105-D / TPP 15-105-J

Typical Hold-Up Characteristic at 115 Vin

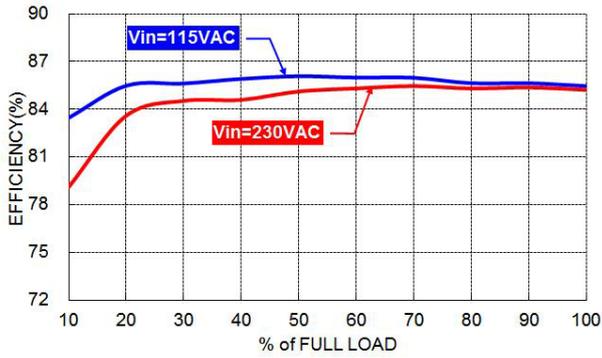


Typical Hold-Up Characteristic at 230 Vin

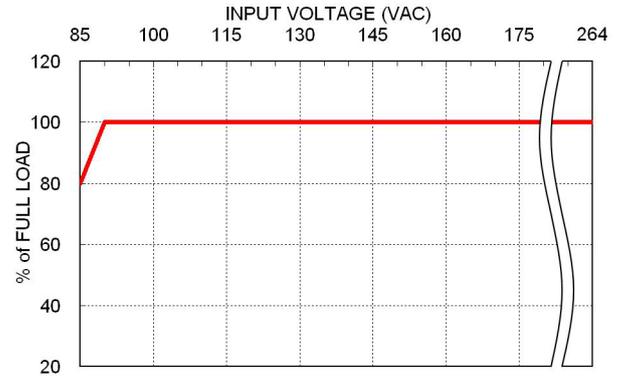


TPP 15-109-D / TPP 15-109-J

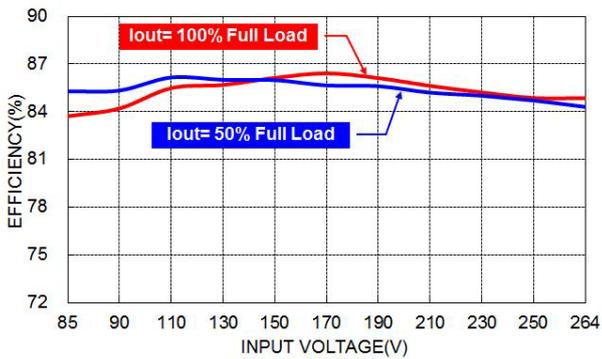
Efficiency versus Output Load



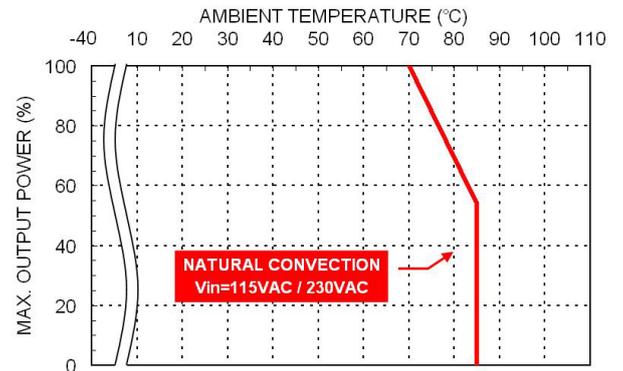
Power Dissipation versus Output Load



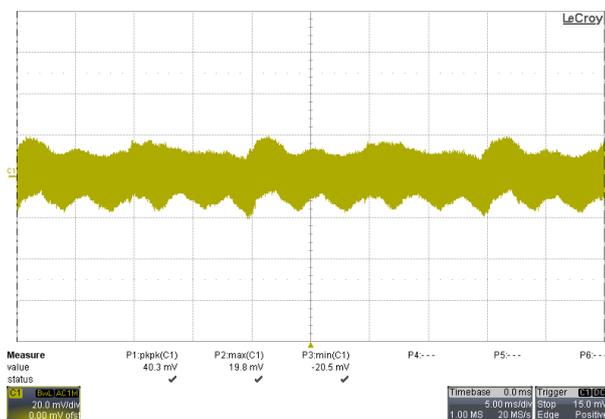
Efficiency versus Input Voltage



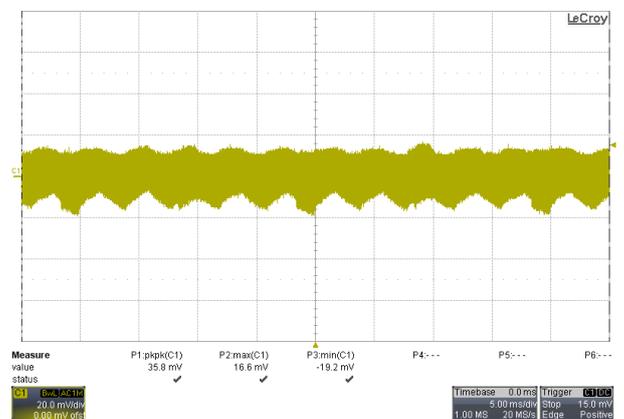
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)



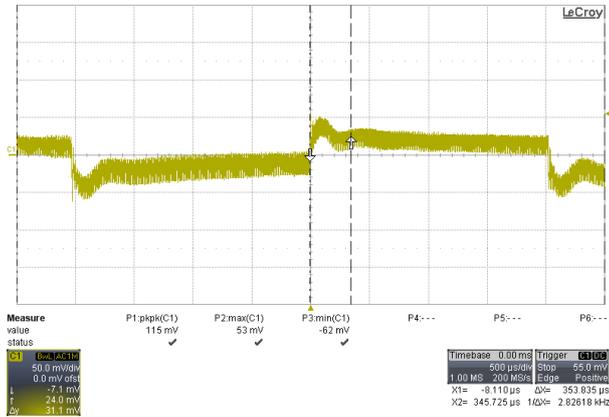
Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)



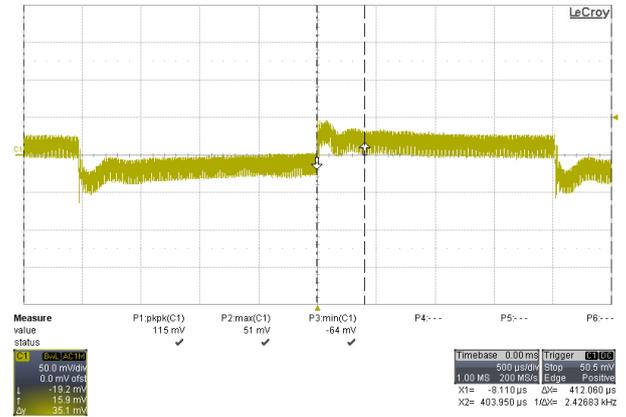
All specifications valid at nominal voltage, resistive full load and +25 $^{\circ}C$ after warm-up time, unless otherwise stated.

TPP 15-109-D / TPP 15-109-J

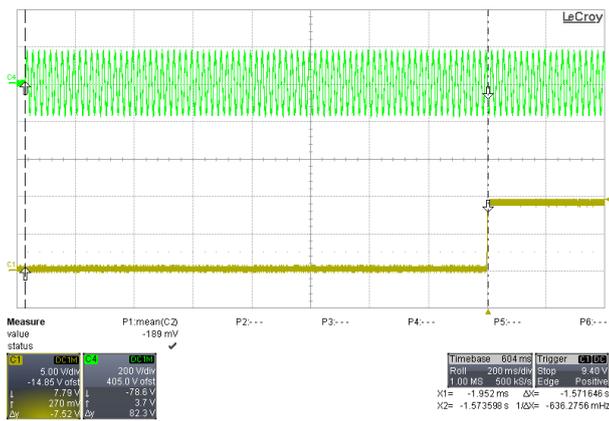
Transient Response to Dynamic Load Change (25%) at 115 Vin



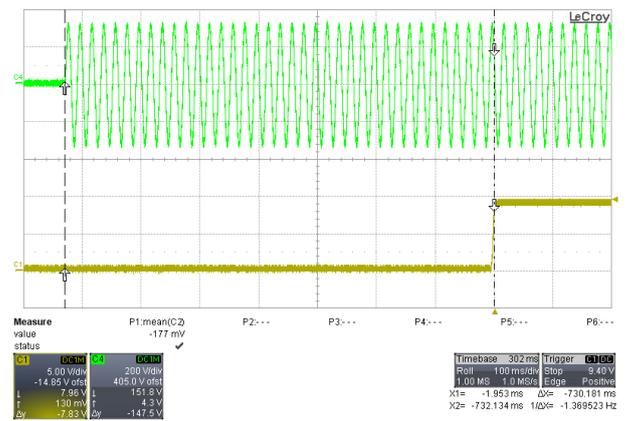
Transient Response to Dynamic Load Change (25%) at 230 Vin



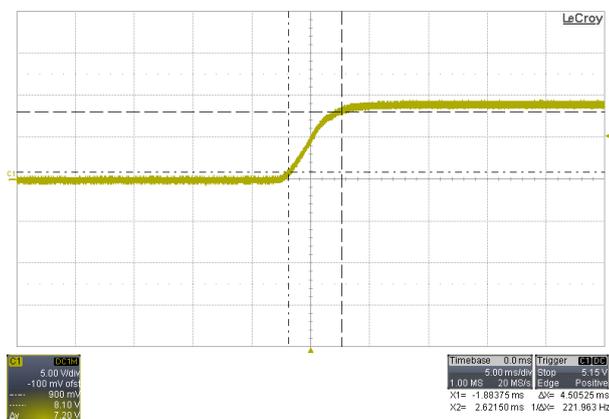
Typical Start-Up and Output Rise Characteristic at 115 Vin



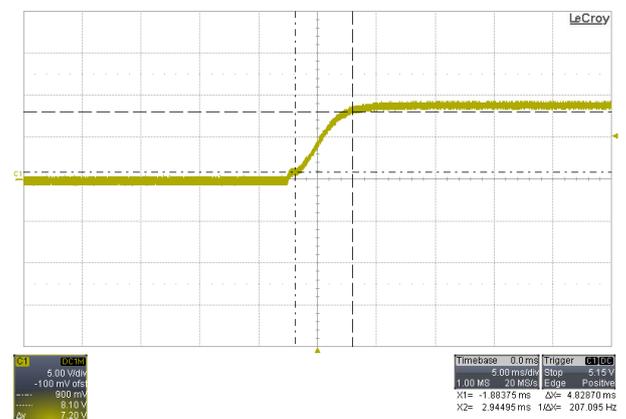
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



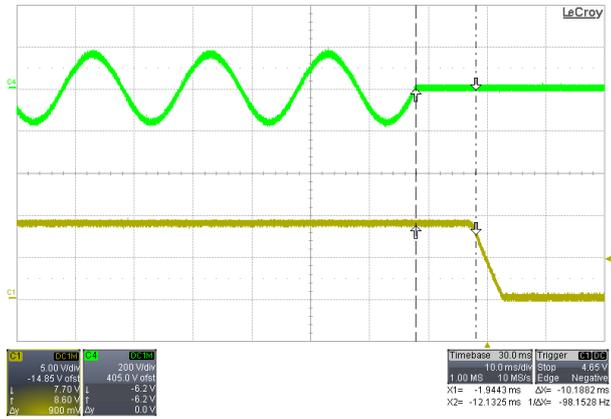
Typical Output Rise Characteristic at 230 Vin



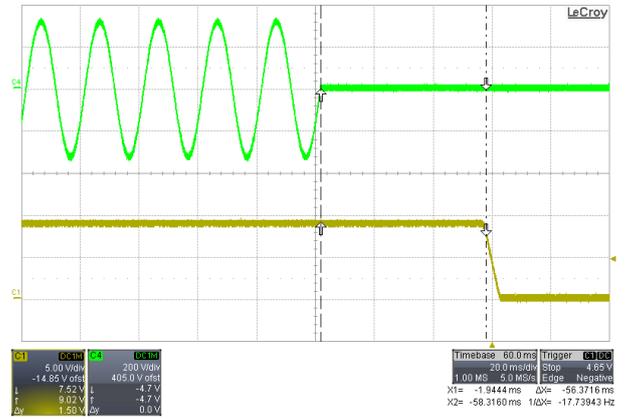
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-109-D / TPP 15-109-J

Typical Hold-Up Characteristic at 115 Vin

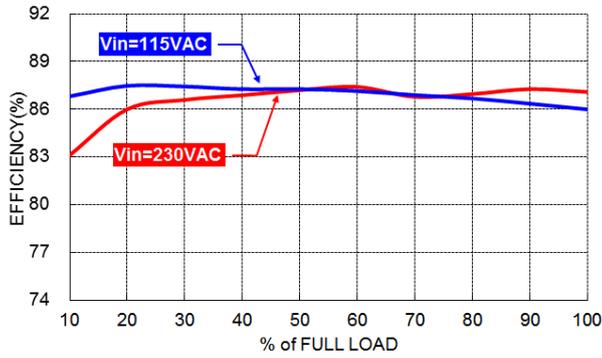


Typical Hold-Up Characteristic at 230 Vin

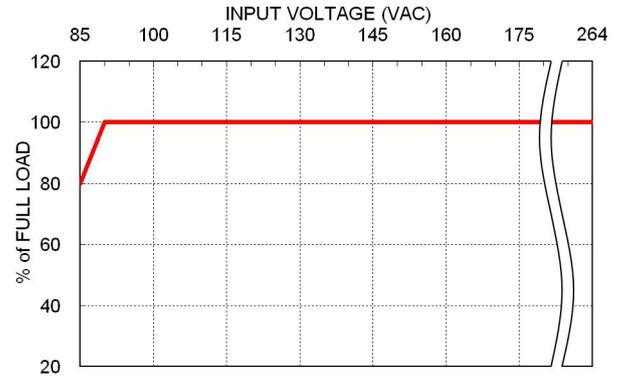


TPP 15-112-D / TPP 15-112-J

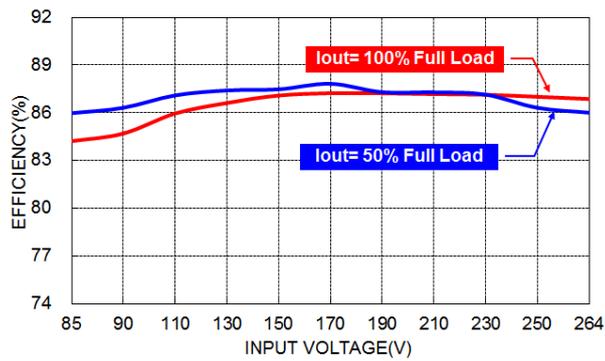
Efficiency versus Output Load



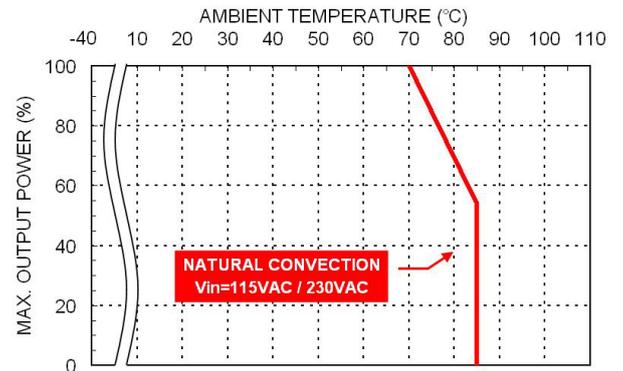
Power Dissipation versus Output Load



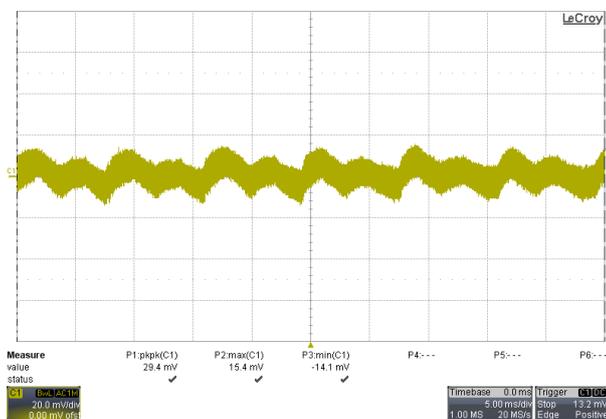
Efficiency versus Input Voltage



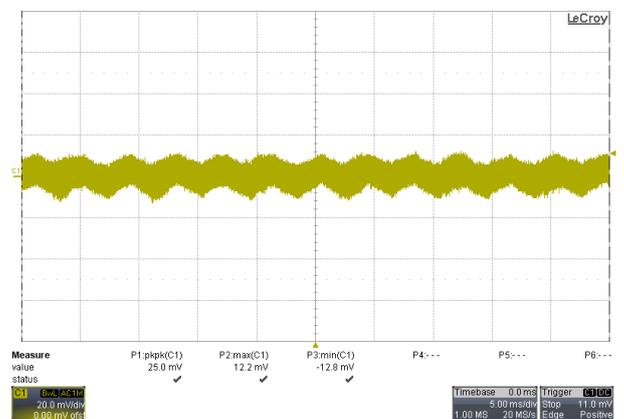
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)

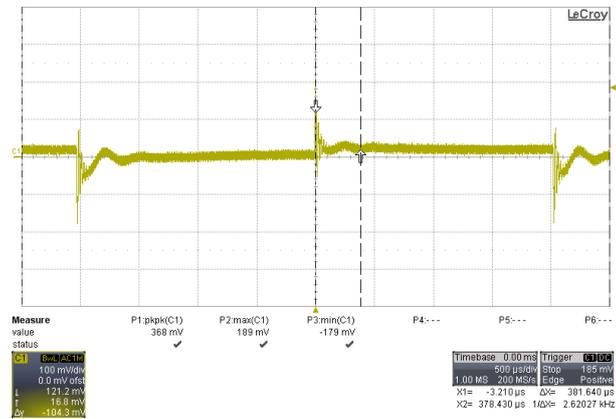


Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)

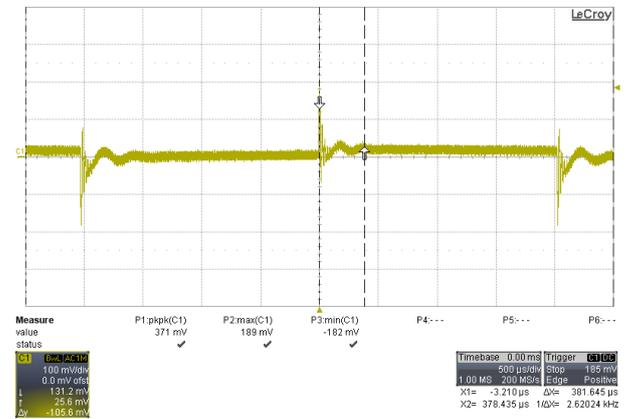


TPP 15-112-D / TPP 15-112-J

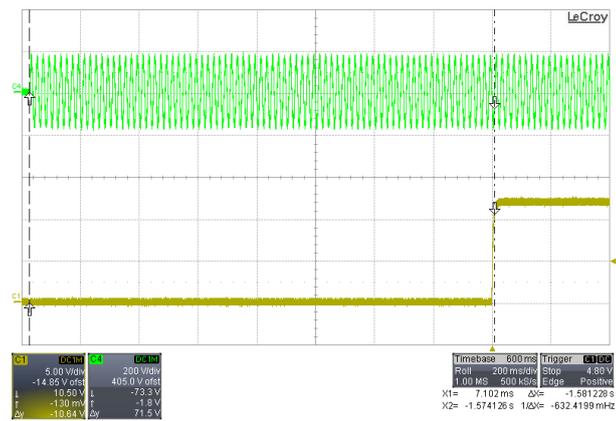
Transient Response to Dynamic Load Change (25%) at 115 Vin



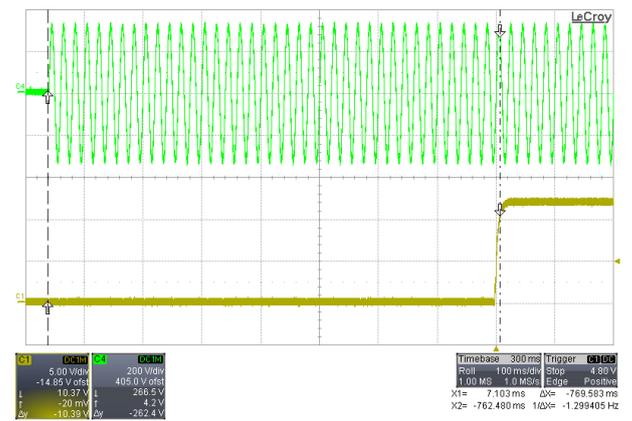
Transient Response to Dynamic Load Change (25%) at 230 Vin



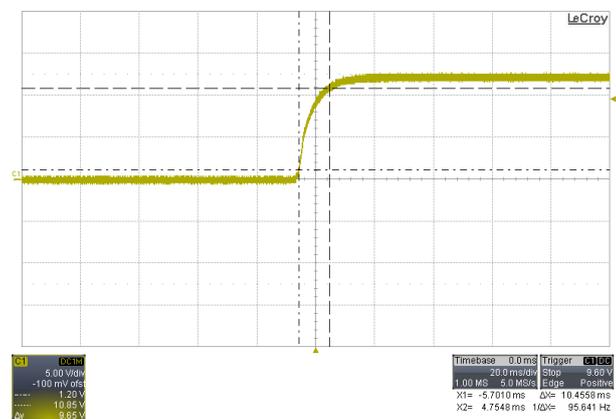
Typical Start-Up and Output Rise Characteristic at 115 Vin



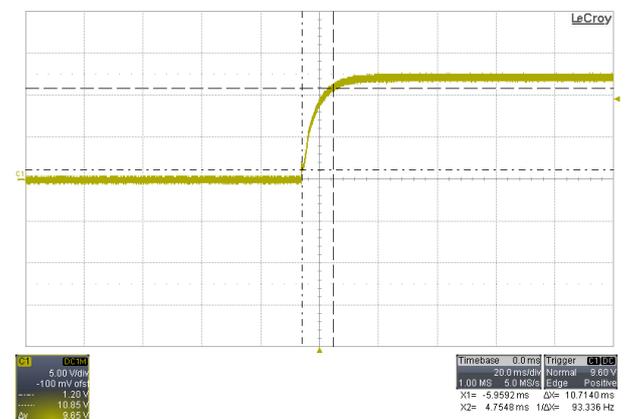
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



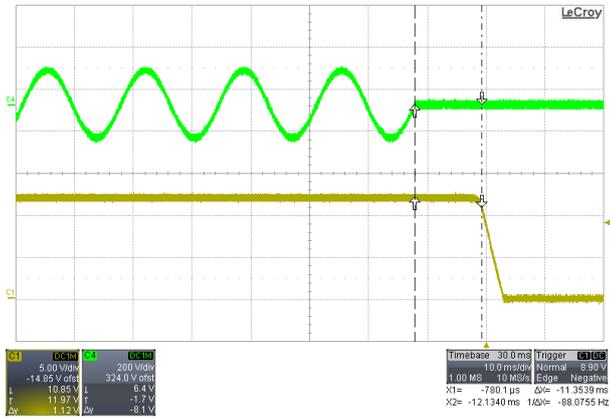
Typical Output Rise Characteristic at 230 Vin



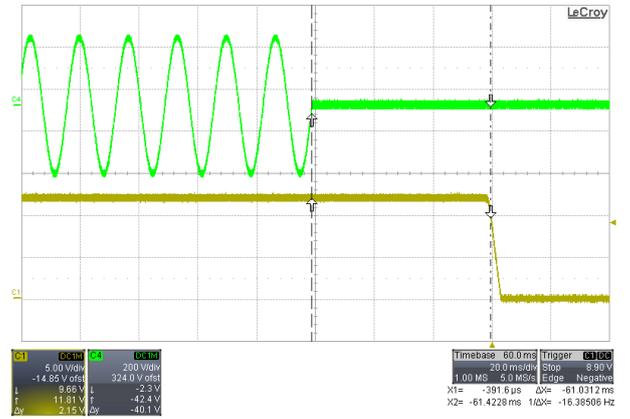
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-112-D / TPP 15-112-J

Typical Hold-Up Characteristic at 115 Vin

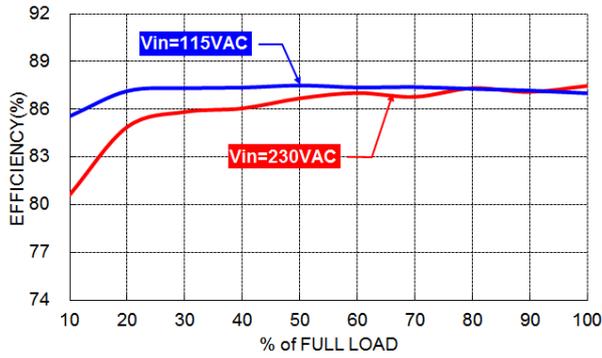


Typical Hold-Up Characteristic at 230 Vin

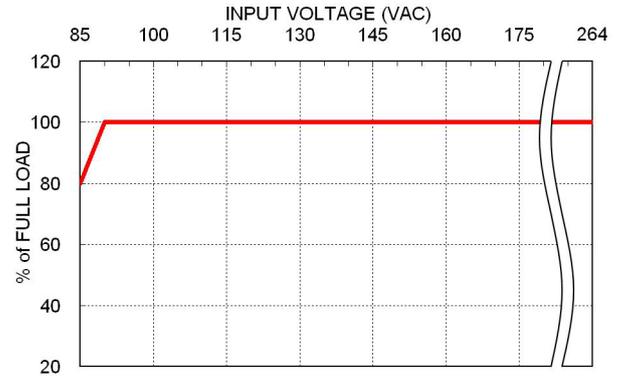


TPP 15-115-D / TPP 15-115-J

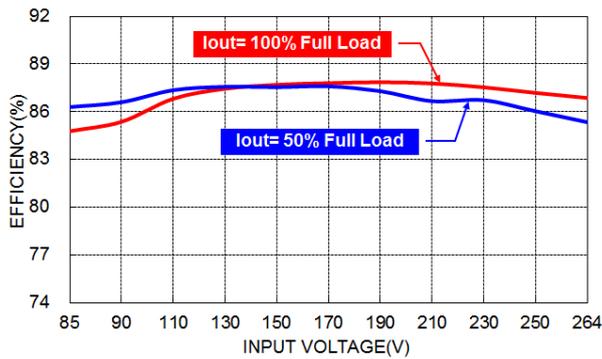
Efficiency versus Output Load



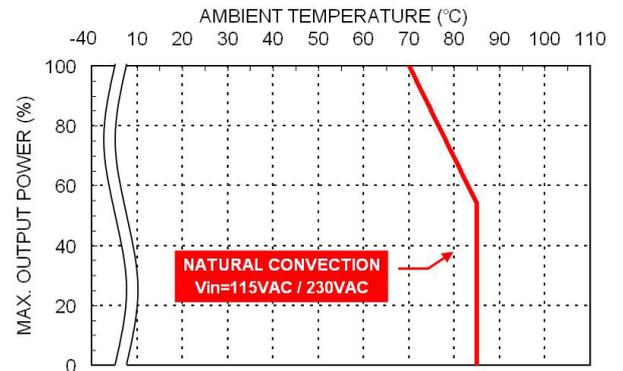
Power Dissipation versus Output Load



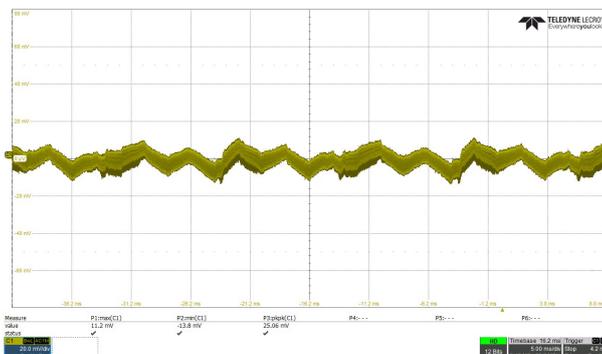
Efficiency versus Input Voltage



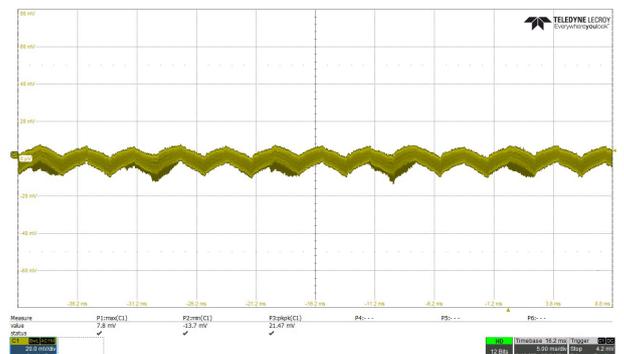
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)



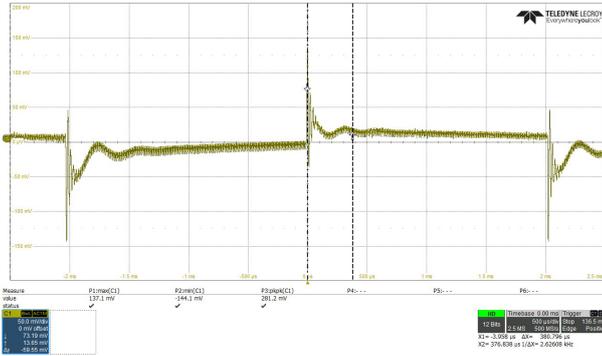
Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)



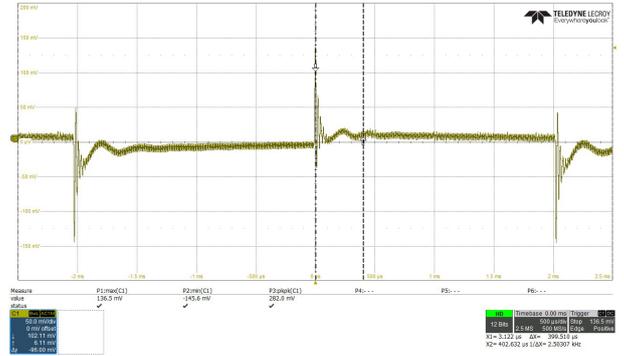
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-115-D / TPP 15-115-J

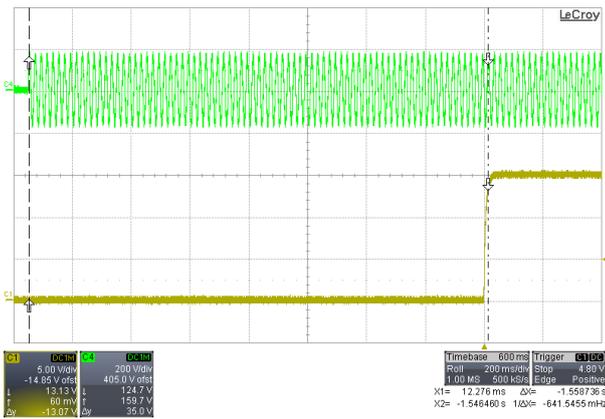
Transient Response to Dynamic Load Change (25%) at 115 Vin



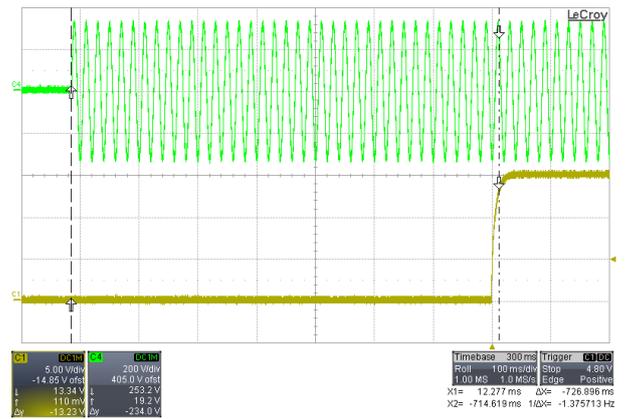
Transient Response to Dynamic Load Change (25%) at 230 Vin



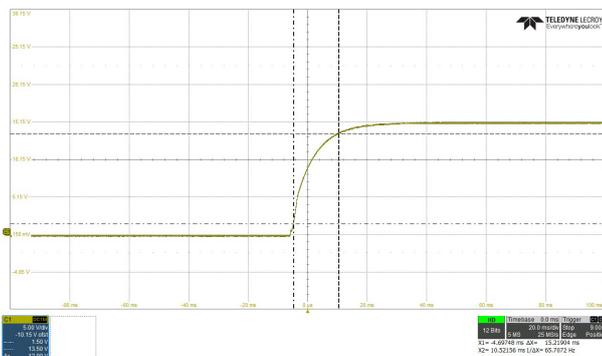
Typical Start-Up and Output Rise Characteristic at 115 Vin



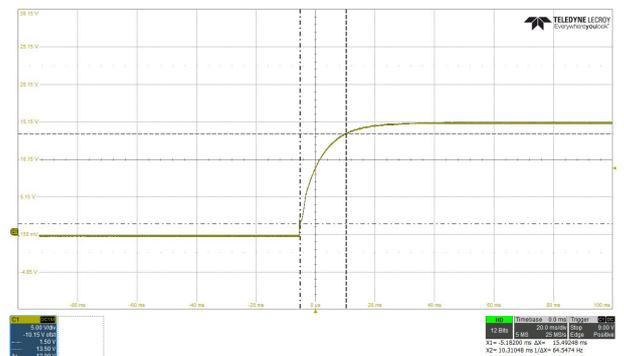
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



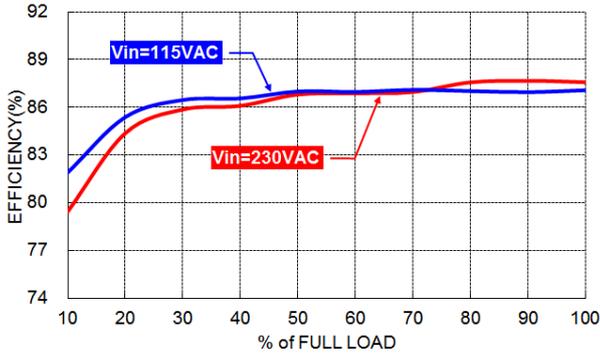
Typical Output Rise Characteristic at 230 Vin



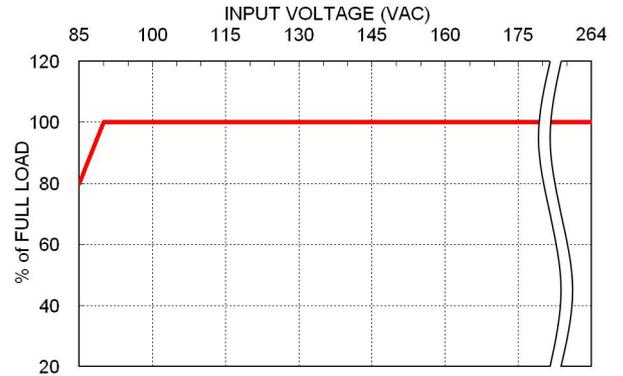
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-124-D / TPP 15-124-J

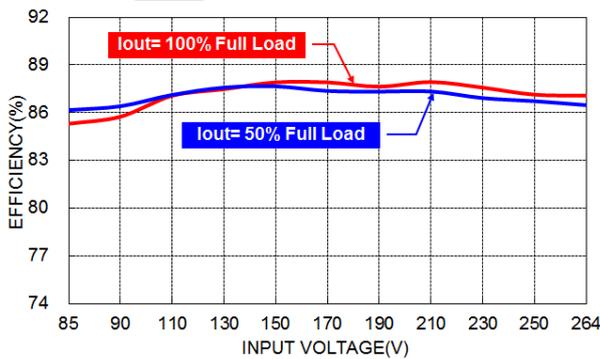
Efficiency versus Output Load



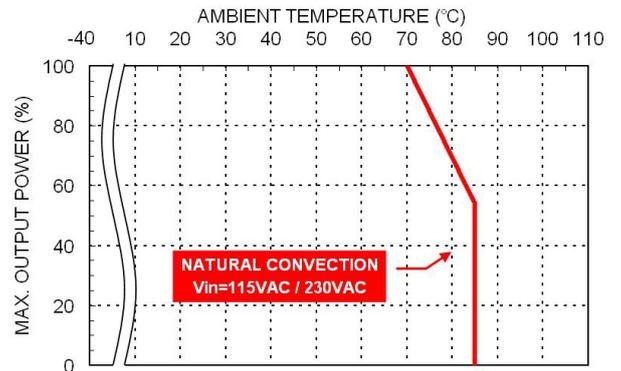
Power Dissipation versus Output Load



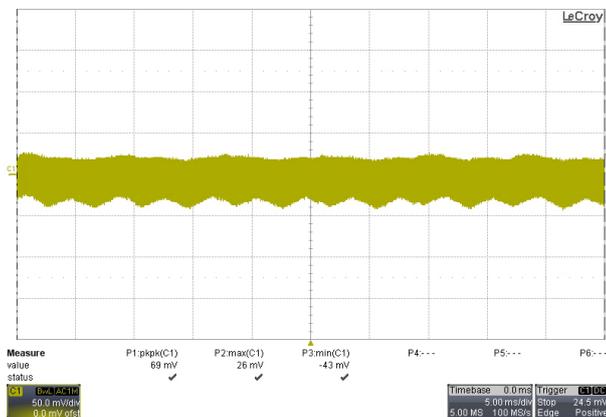
Efficiency versus Input Voltage



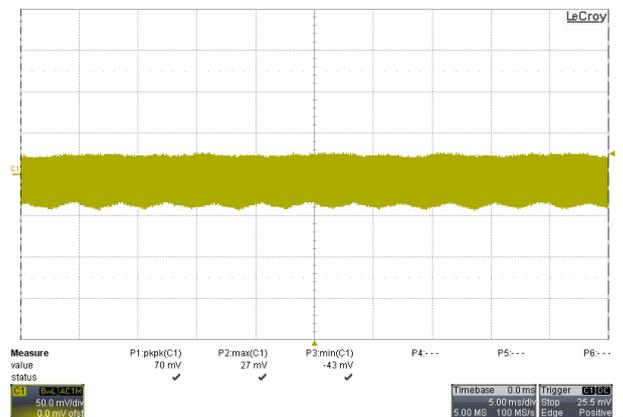
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)

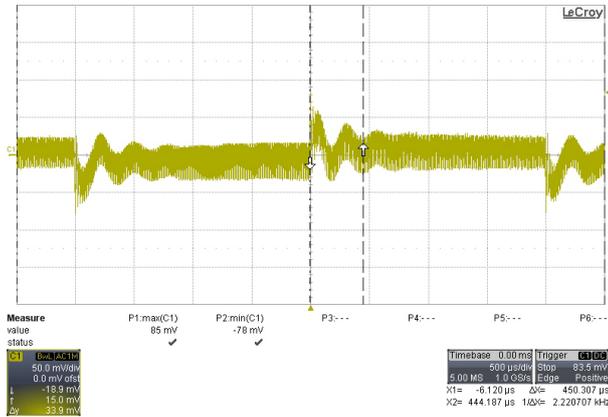


Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)

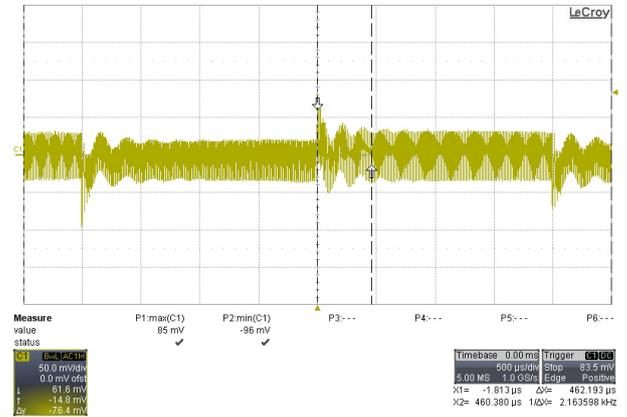


TPP 15-124-D / TPP 15-124-J

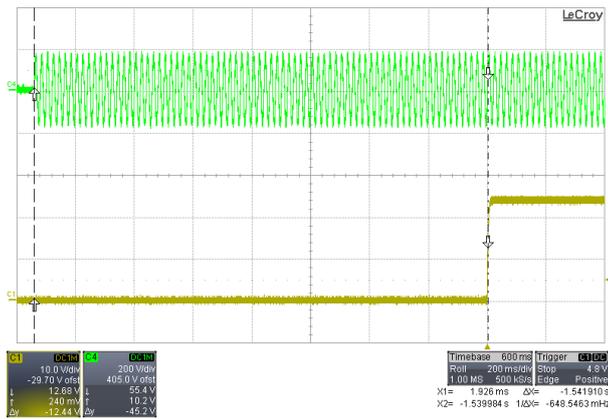
Transient Response to Dynamic Load Change (25%) at 115 Vin



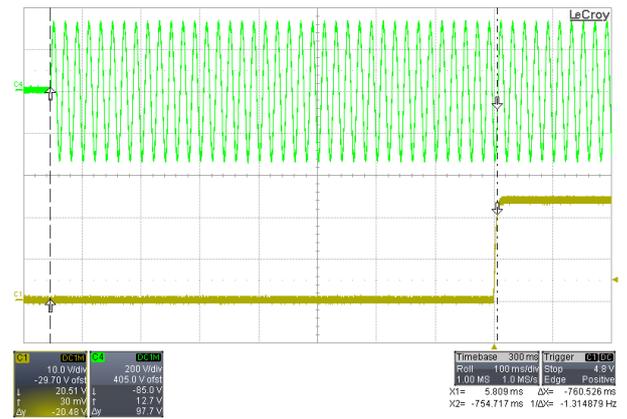
Transient Response to Dynamic Load Change (25%) at 230 Vin



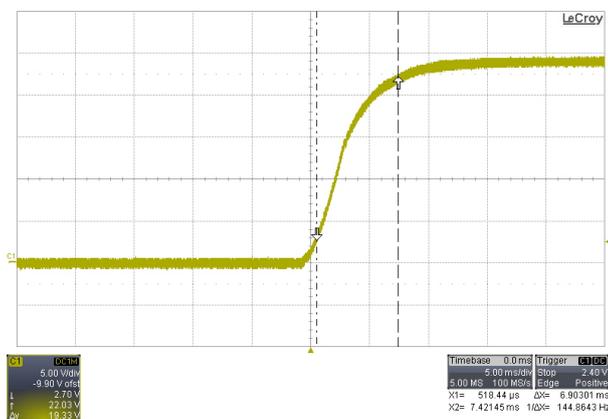
Typical Start-Up and Output Rise Characteristic at 115 Vin



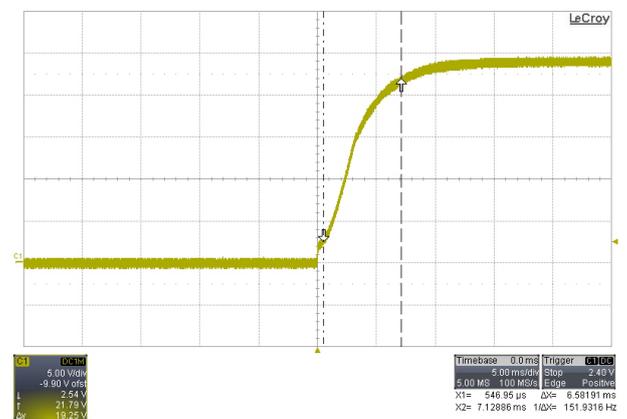
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



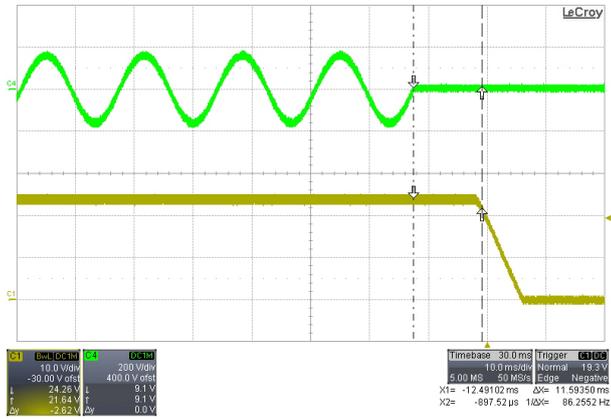
Typical Output Rise Characteristic at 230 Vin



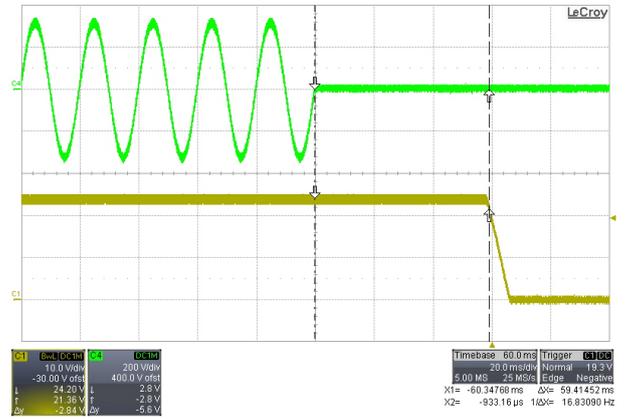
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-124-D / TPP 15-124-J

Typical Hold-Up Characteristic at 115 Vin

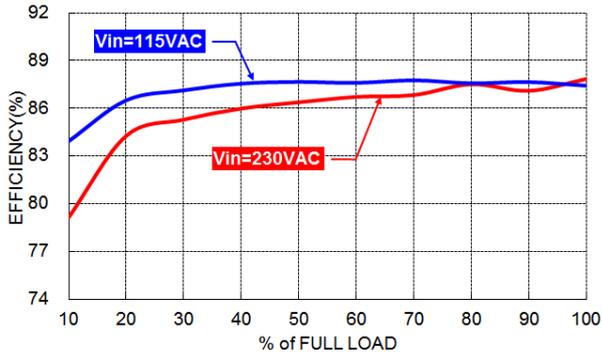


Typical Hold-Up Characteristic at 230 Vin

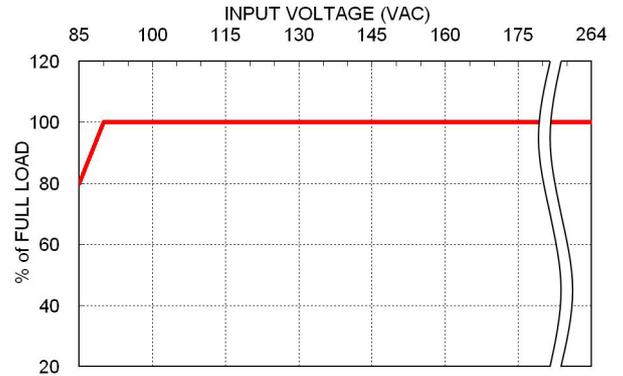


TPP 15-136-D / TPP 15-136-J

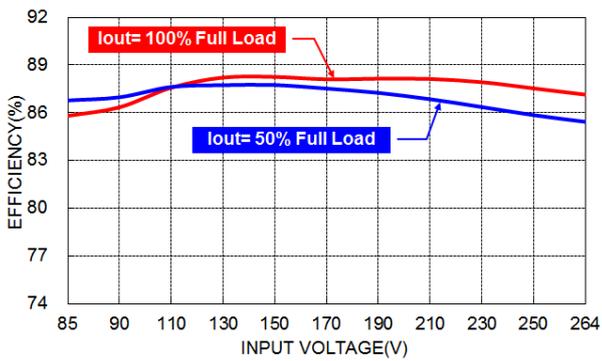
Efficiency versus Output Load



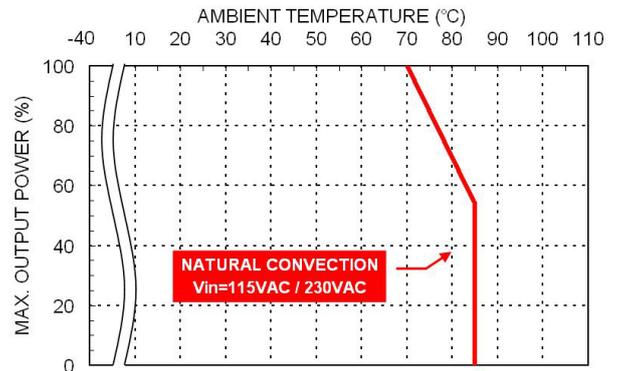
Power Dissipation versus Output Load



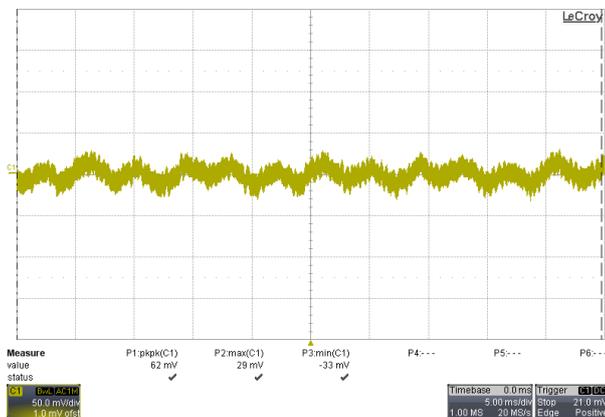
Efficiency versus Input Voltage



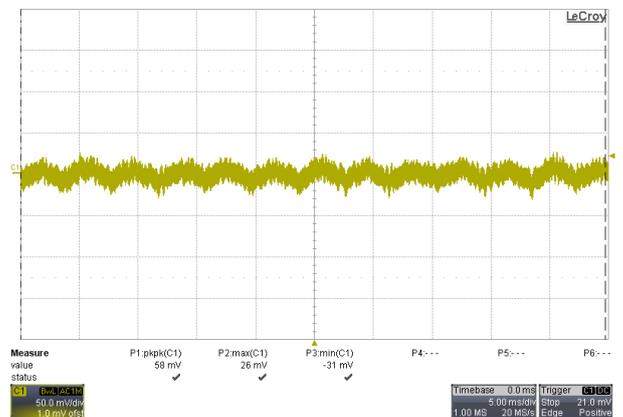
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)

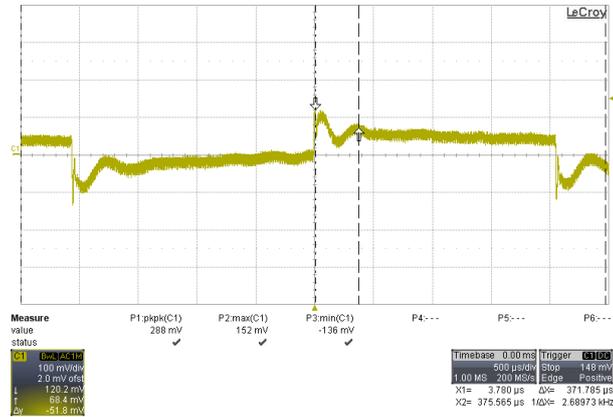


Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)

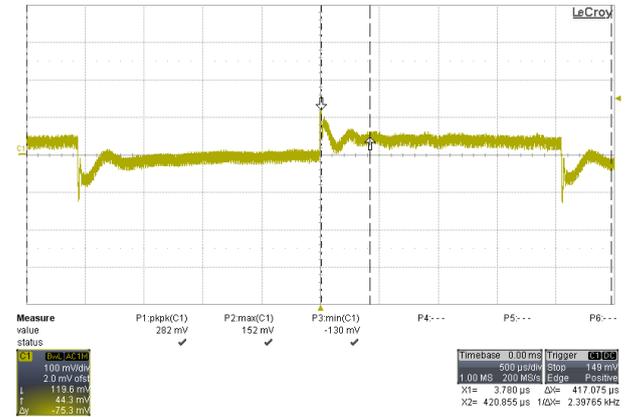


TPP 15-136-D / TPP 15-136-J

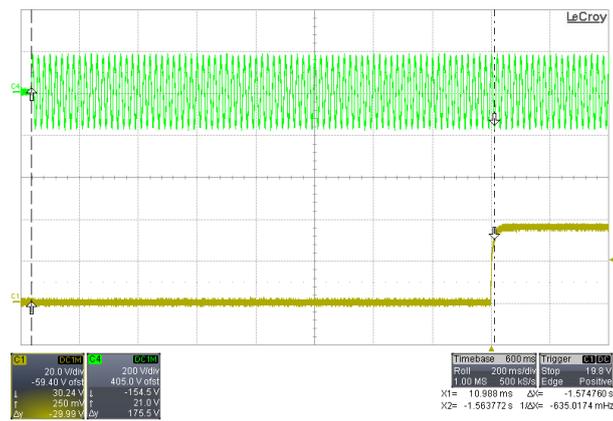
Transient Response to Dynamic Load Change (25%) at 115 Vin



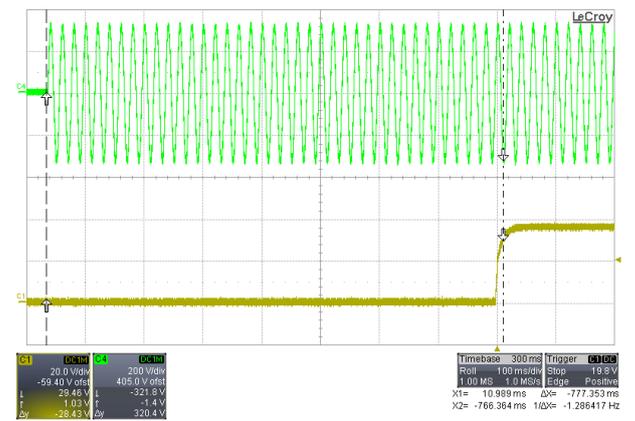
Transient Response to Dynamic Load Change (25%) at 230 Vin



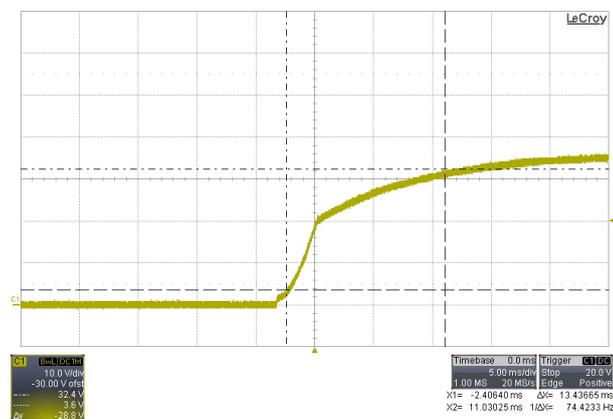
Typical Start-Up and Output Rise Characteristic at 115 Vin



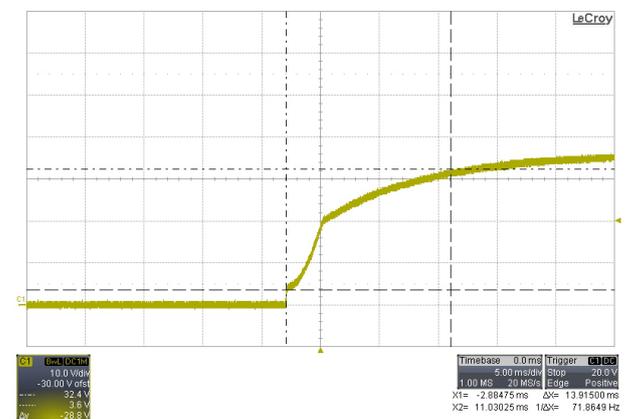
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



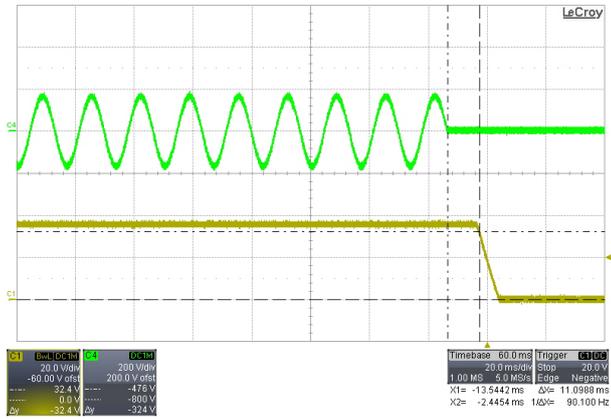
Typical Output Rise Characteristic at 230 Vin



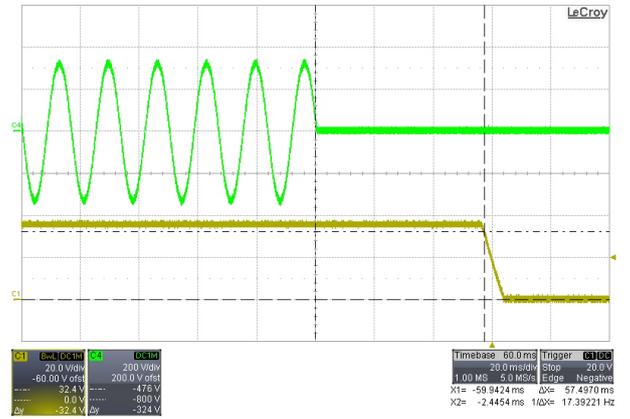
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-136-D / TPP 15-136-J

Typical Hold-Up Characteristic at 115 Vin

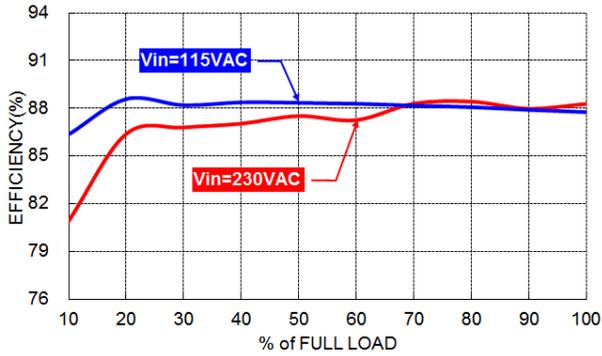


Typical Hold-Up Characteristic at 230 Vin

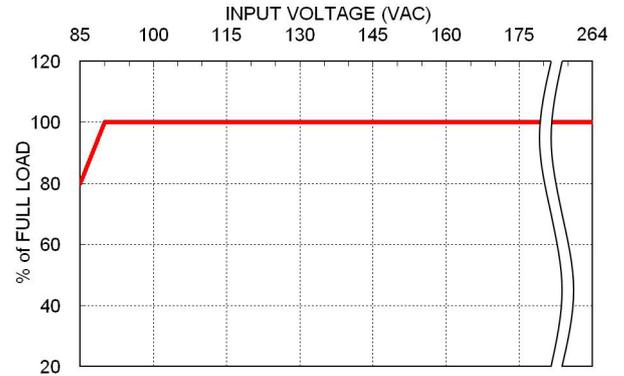


TPP 15-148-D / TPP 15-148-J

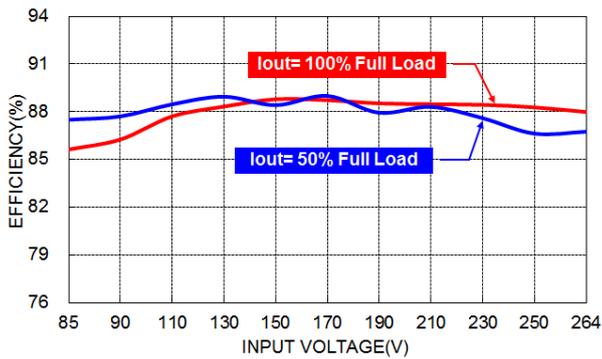
Efficiency versus Output Load



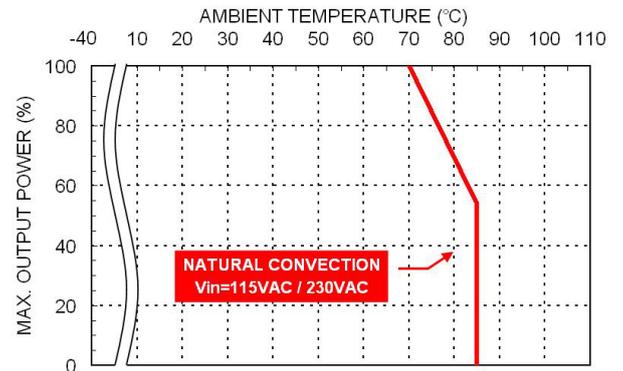
Power Dissipation versus Output Load



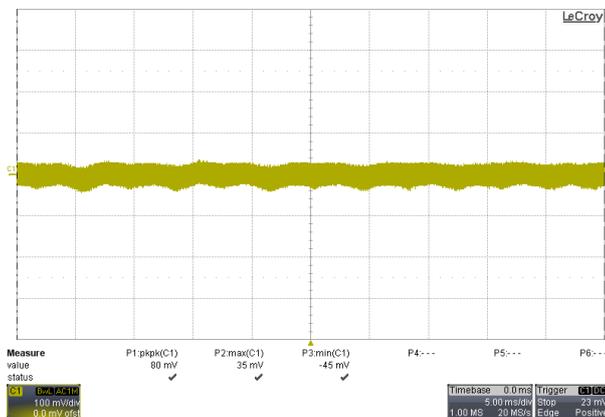
Efficiency versus Input Voltage



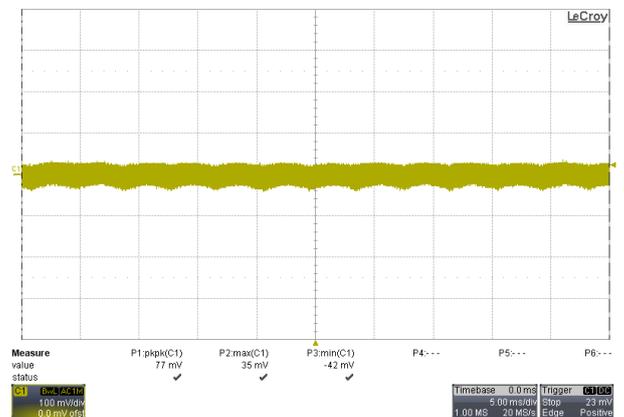
Derating Output Load versus Ambient Temperature



Typical Output Ripple and Noise at 115 Vin (with external capacitor; see datasheet)

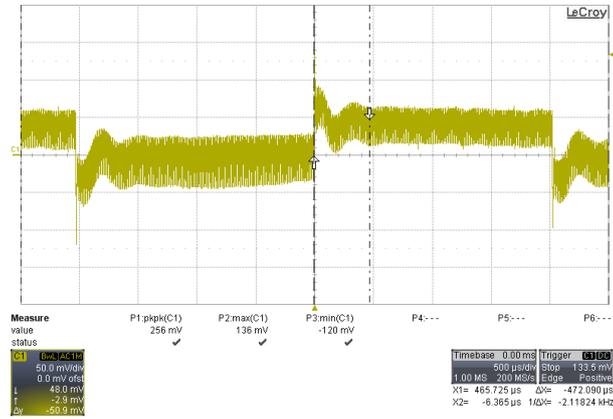


Typical Output Ripple and Noise at 230 Vin (with external capacitor; see datasheet)

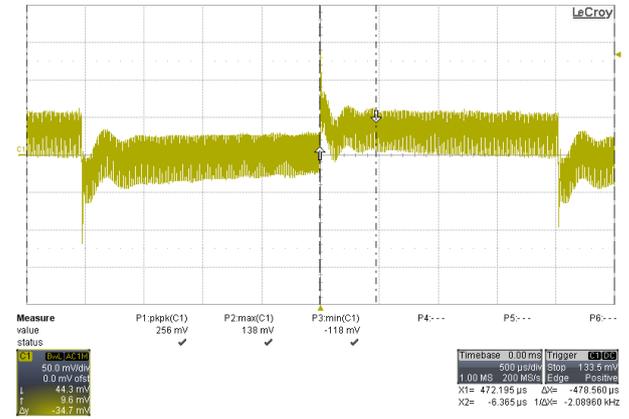


TPP 15-148-D / TPP 15-148-J

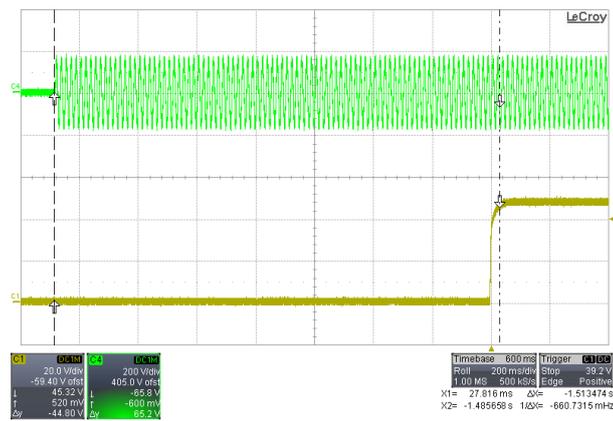
Transient Response to Dynamic Load Change (25%) at 115 Vin



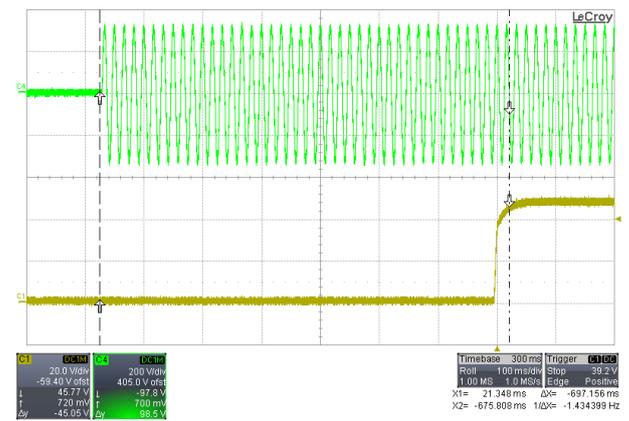
Transient Response to Dynamic Load Change (25%) at 230 Vin



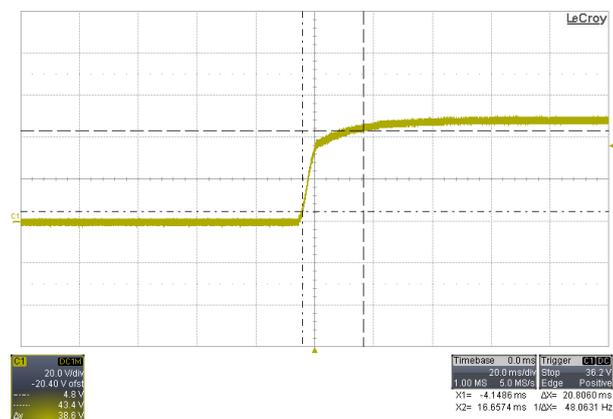
Typical Start-Up and Output Rise Characteristic at 115 Vin



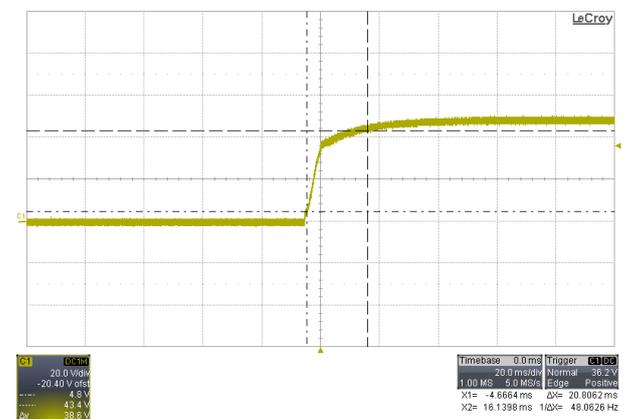
Typical Start-Up and Output Rise Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



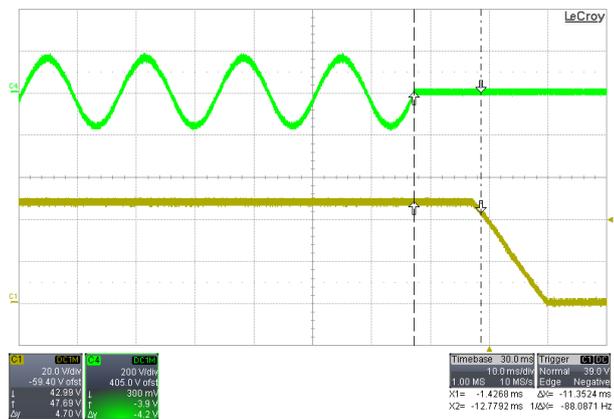
Typical Output Rise Characteristic at 230 Vin



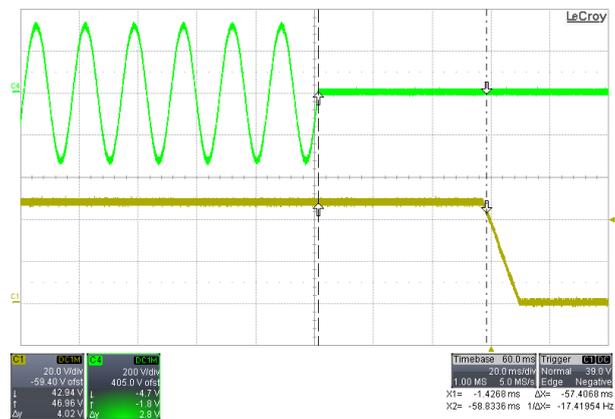
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TPP 15-148-D / TPP 15-148-J

Typical Hold-Up Characteristic at 115 Vin



Typical Hold-Up Characteristic at 230 Vin



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