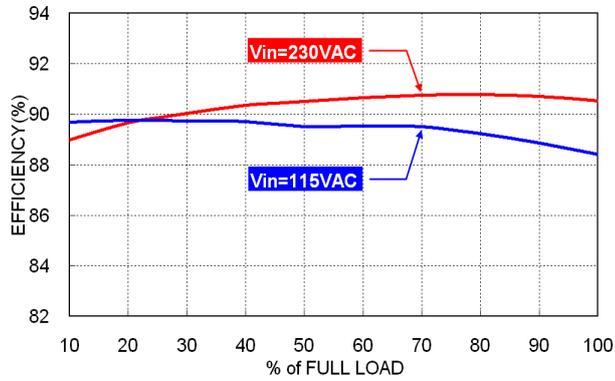


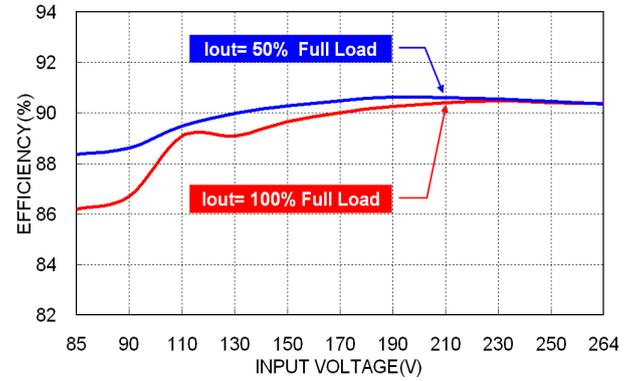
### Characteristic Curves

#### TPP 40-105

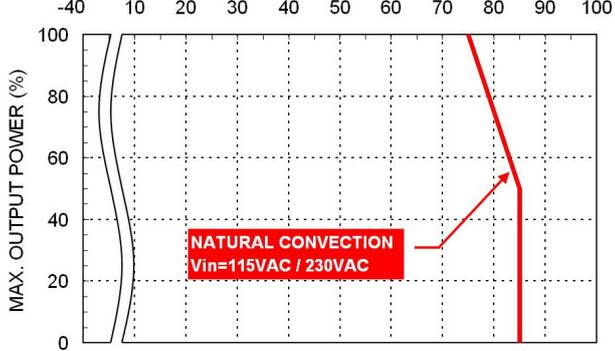
Efficiency versus Output Load



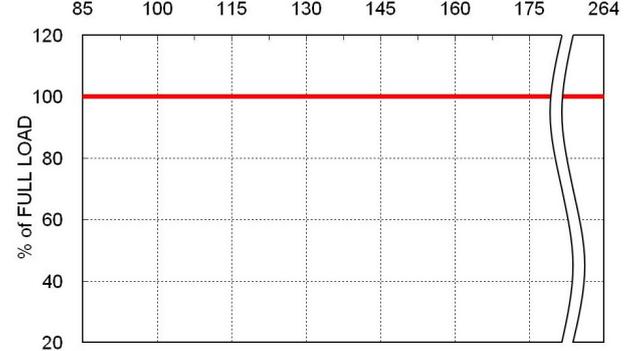
Efficiency versus Input Voltage



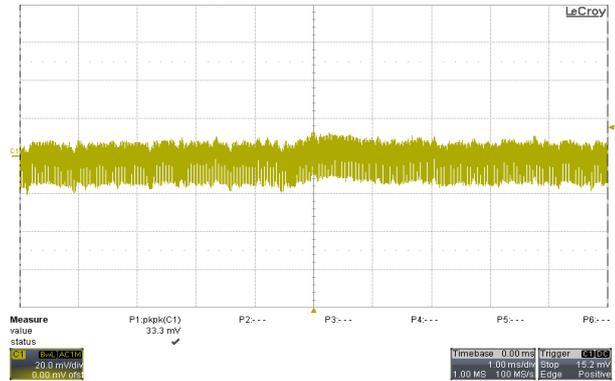
Derating Output Load versus Ambient Temperature



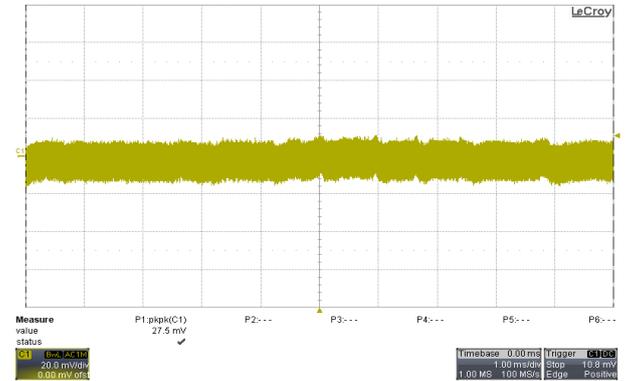
Derating Output versus Input Voltage



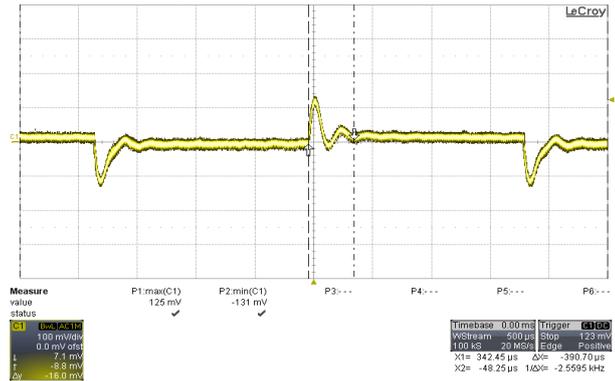
Typical Output Ripple and Noise at 115 Vin



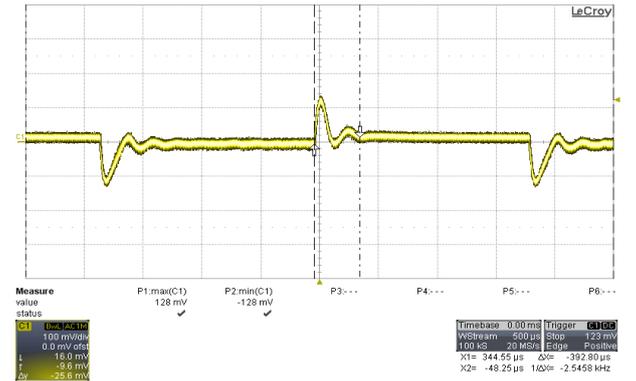
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin

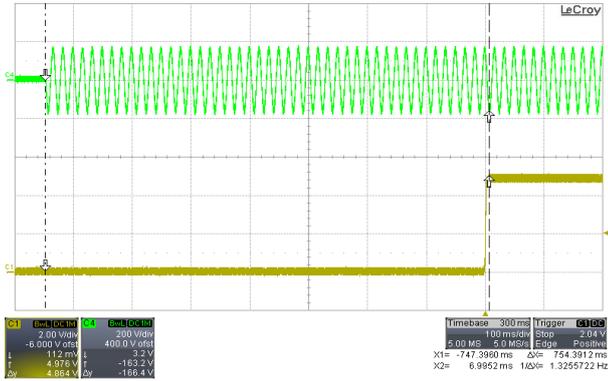


Transiente Response (25% load step) at 230 Vin

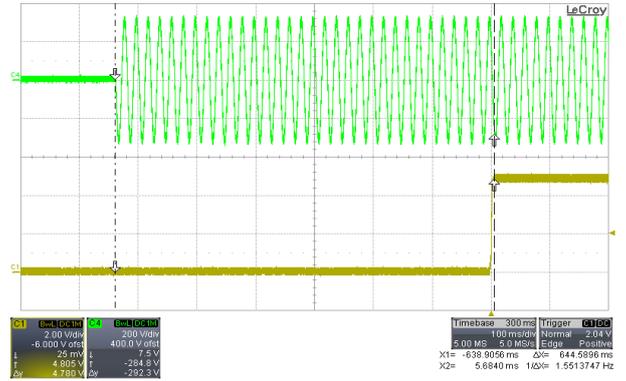


## TPP 40-105

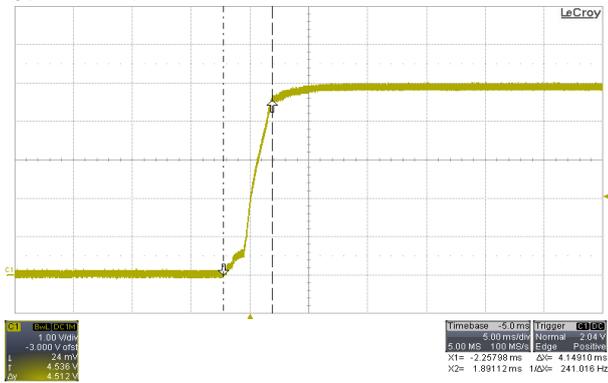
Typical Input Start-Up Characteristic at 115 Vin



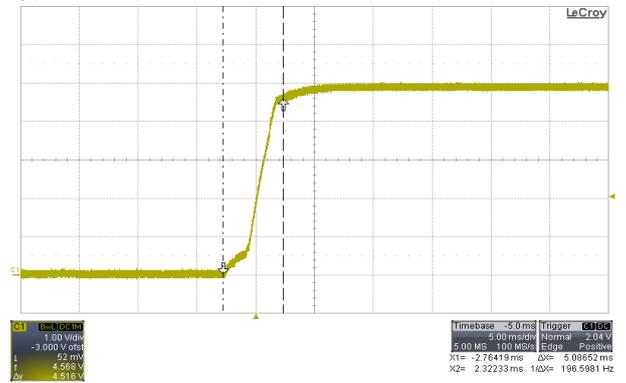
Typical Input Start-Up Characteristic at 230 Vin



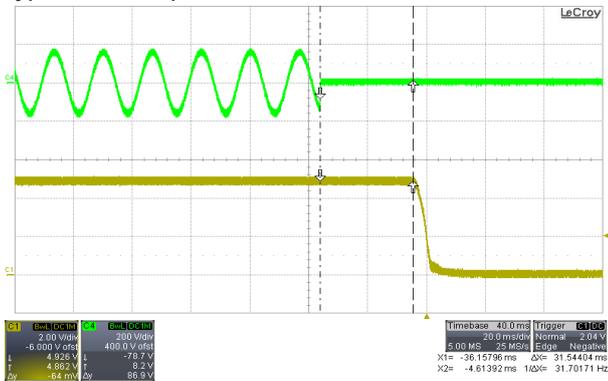
Typical Output Rise Characteristic at 115 Vin



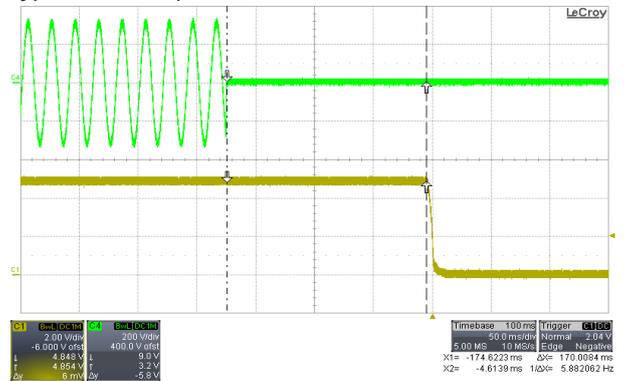
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



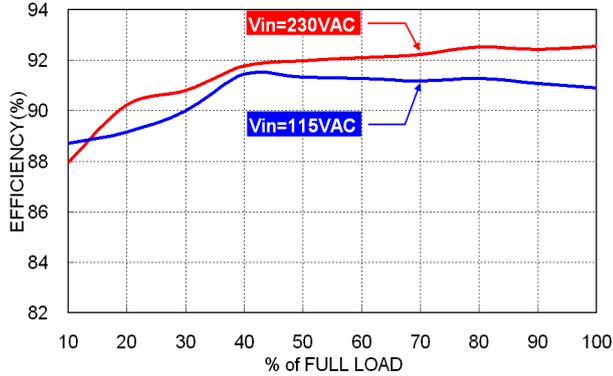
Typical Hold-Up Characteristic at 230 Vin



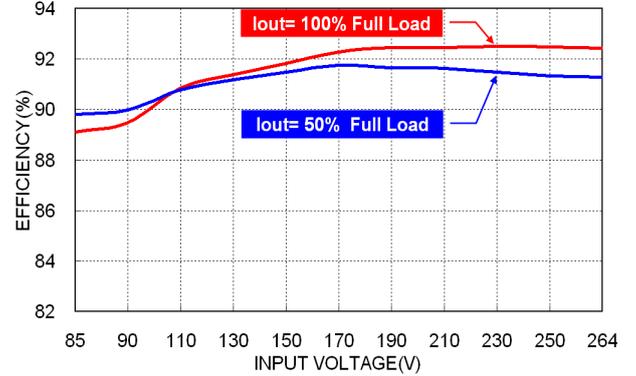
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-112

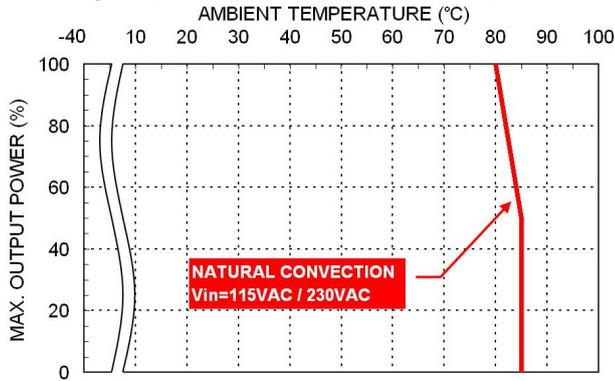
Efficiency versus Output Load



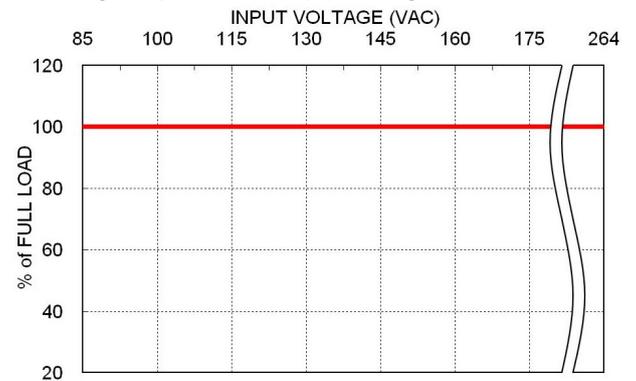
Efficiency versus Input Voltage



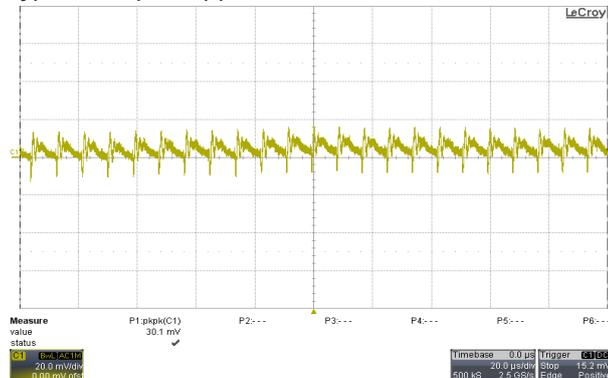
Derating Output Load versus Ambient Temperature



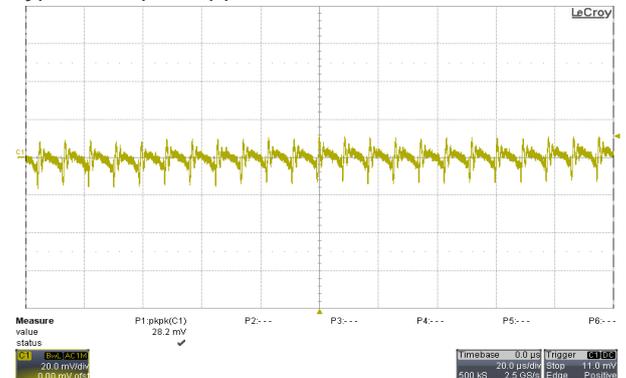
Derating Output versus Input Voltage



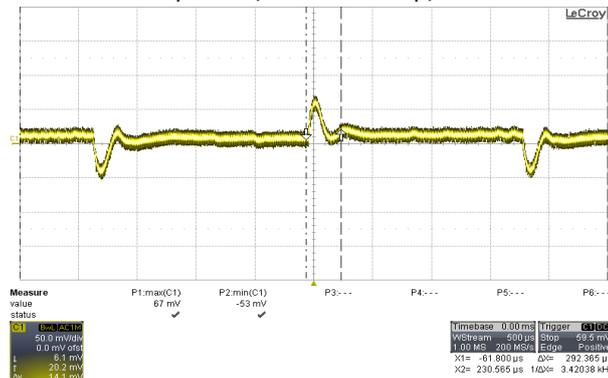
Typical Output Ripple and Noise at 115 Vin



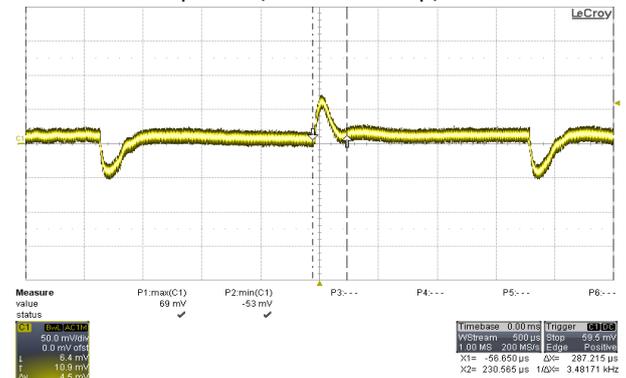
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



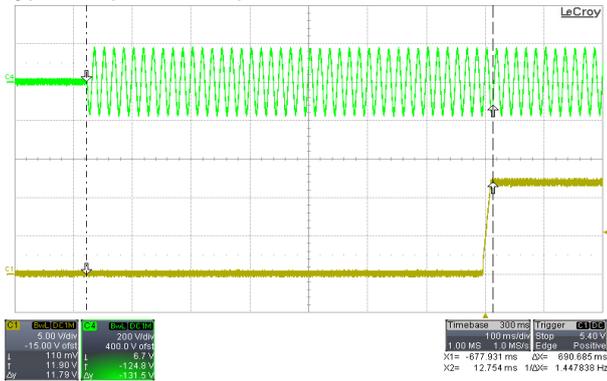
Transiente Response (25% load step) at 230 Vin



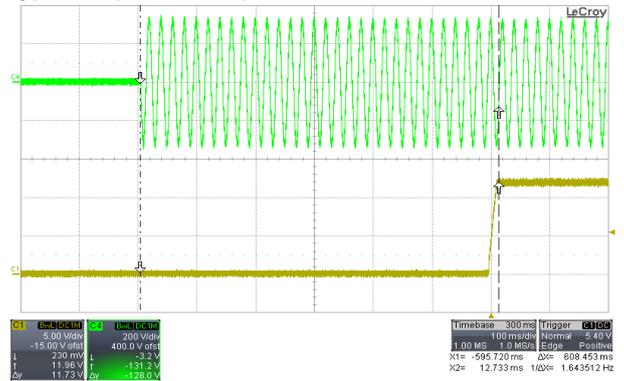
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-112

Typical Input Start-Up Characteristic at 115 Vin



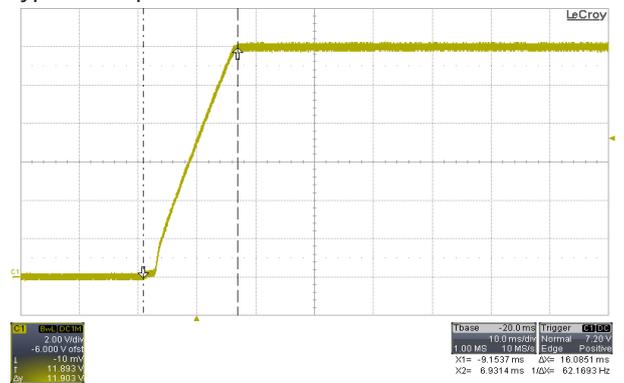
Typical Input Start-Up Characteristic at 230 Vin



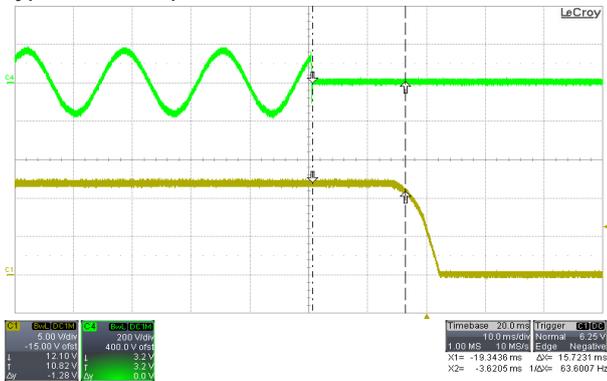
Typical Output Rise Characteristic at 115 Vin



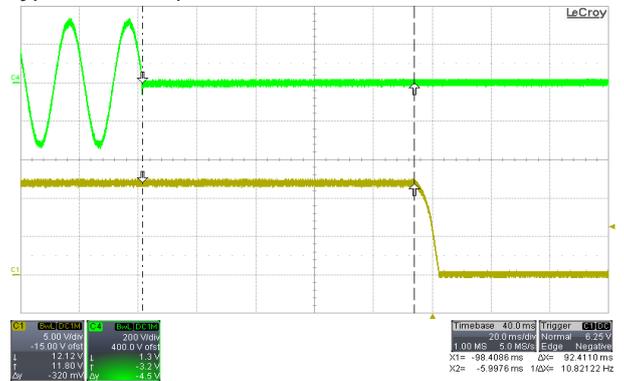
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



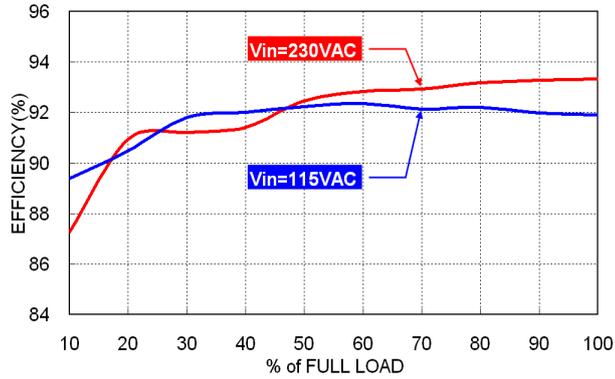
Typical Hold-Up Characteristic at 230 Vin



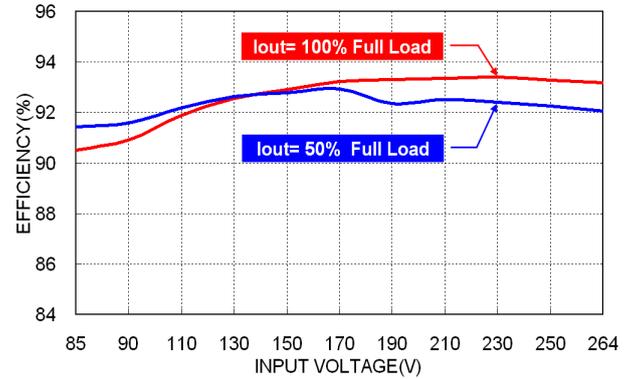
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-115

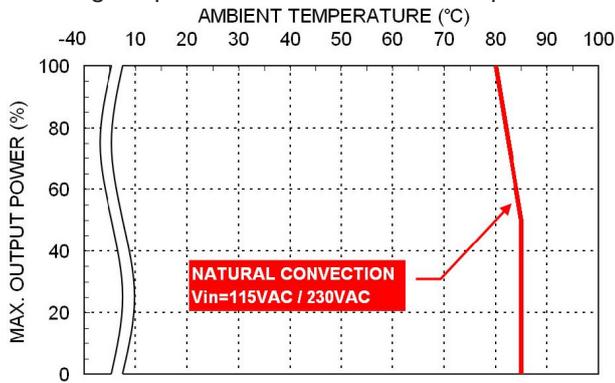
Efficiency versus Output Load



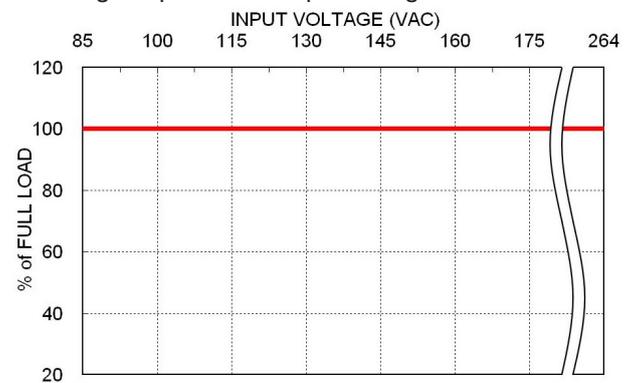
Efficiency versus Input Voltage



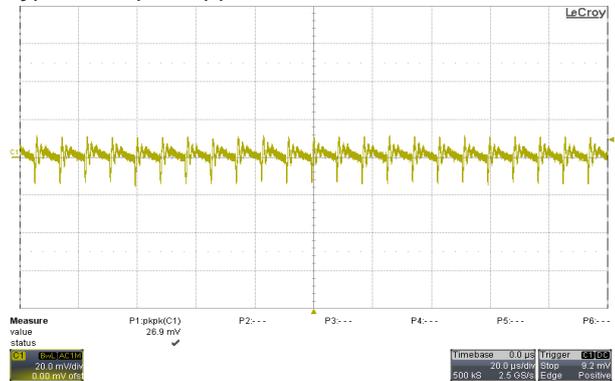
Derating Output Load versus Ambient Temperature



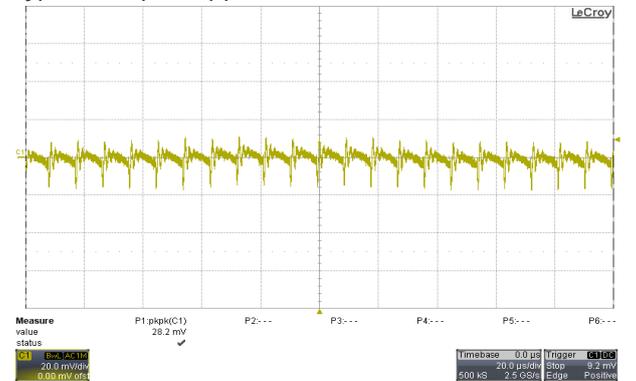
Derating Output versus Input Voltage



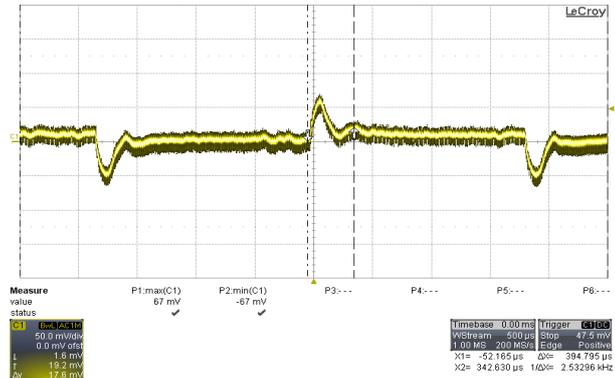
Typical Output Ripple and Noise at 115 Vin



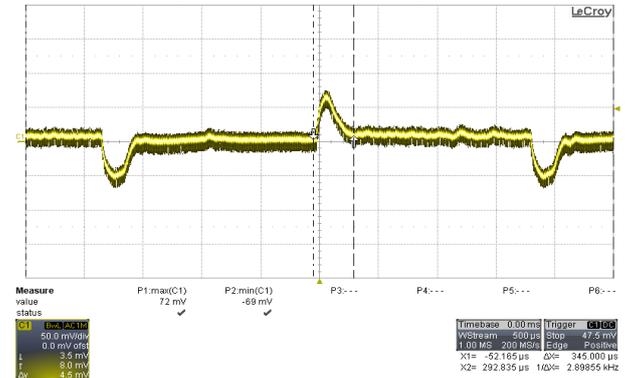
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



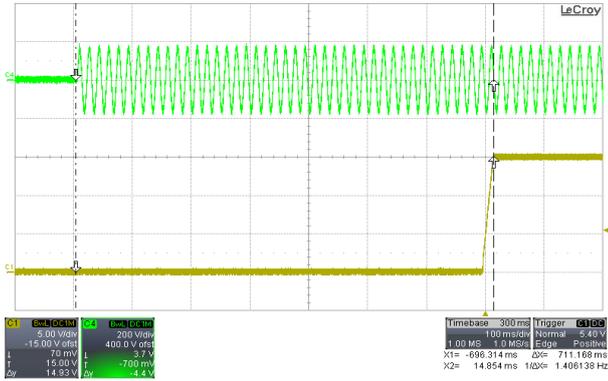
Transiente Response (25% load step) at 230 Vin



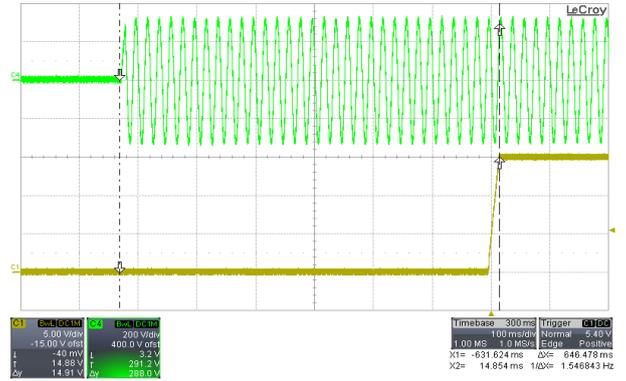
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-115

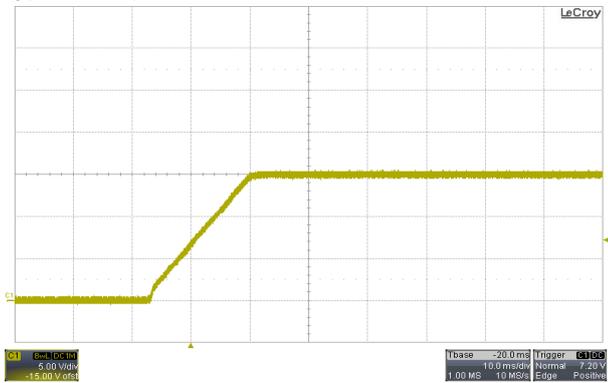
Typical Input Start-Up Characteristic at 115 Vin



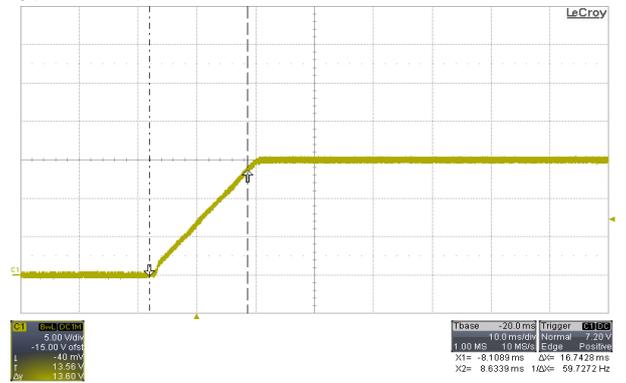
Typical Input Start-Up Characteristic at 230 Vin



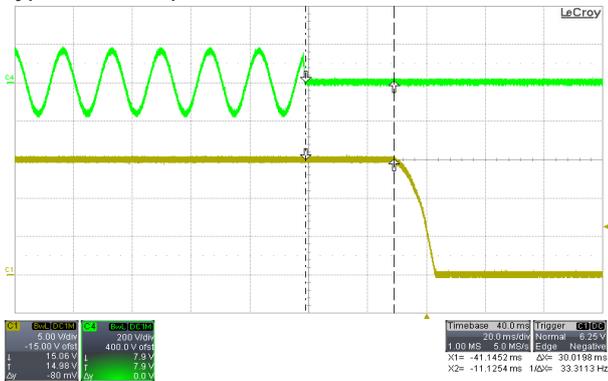
Typical Output Rise Characteristic at 115 Vin



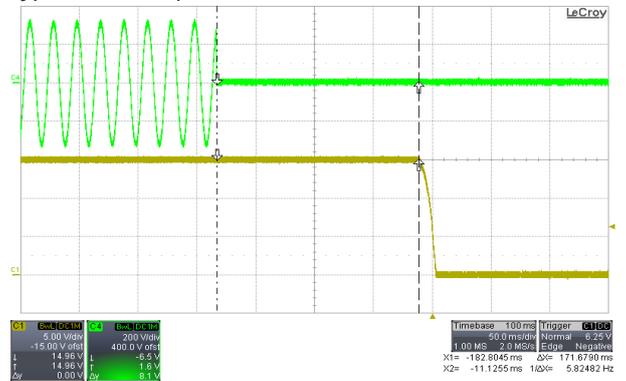
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



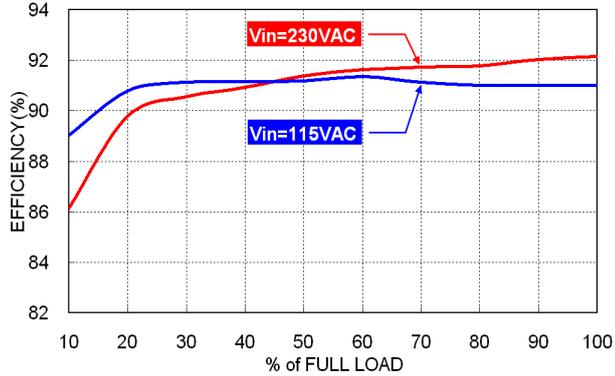
Typical Hold-Up Characteristic at 230 Vin



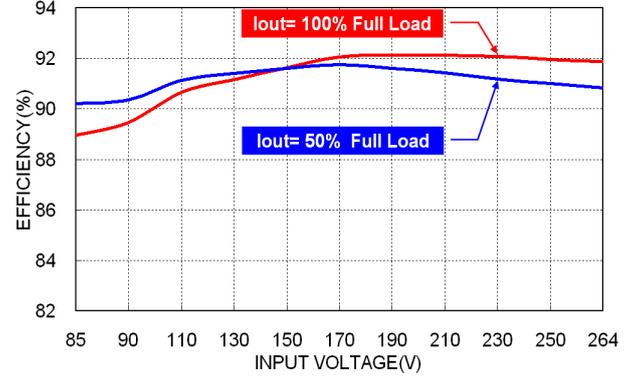
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-124

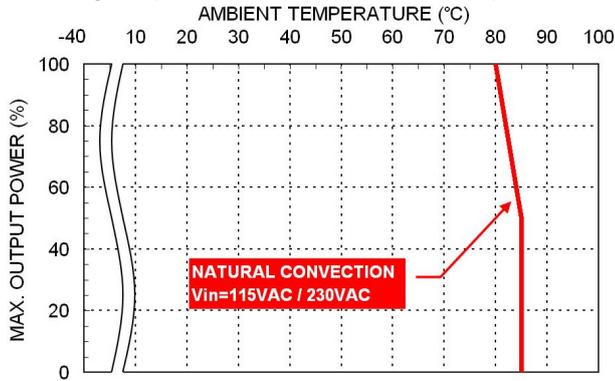
Efficiency versus Output Load



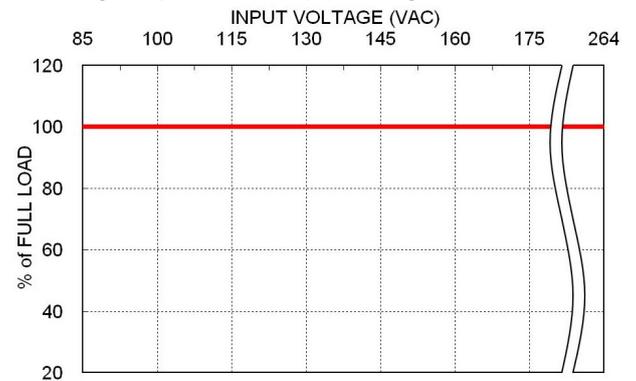
Efficiency versus Input Voltage



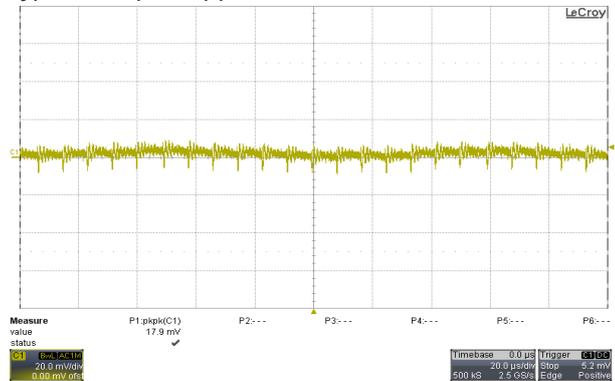
Derating Output Load versus Ambient Temperature



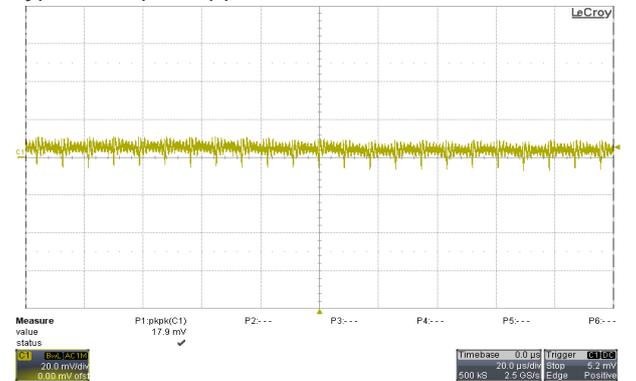
Derating Output versus Input Voltage



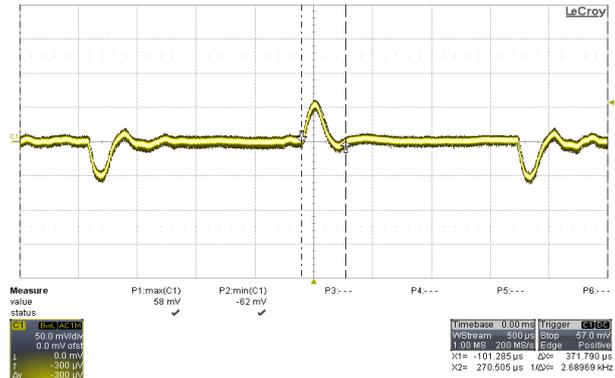
Typical Output Ripple and Noise at 115 Vin



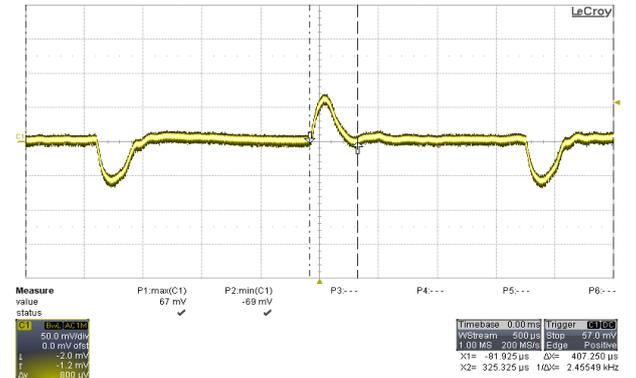
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



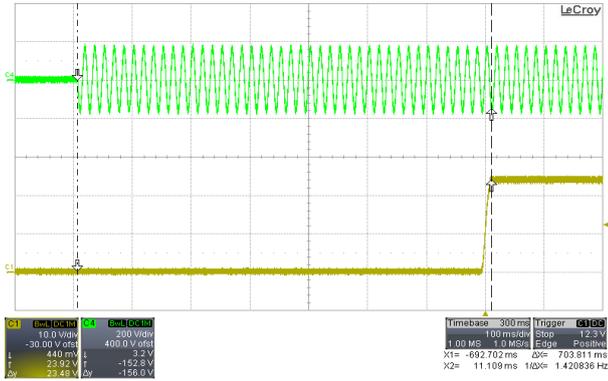
Transiente Response (25% load step) at 230 Vin



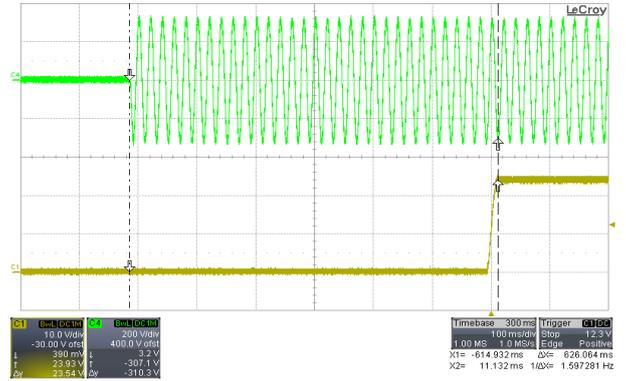
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-124

Typical Input Start-Up Characteristic at 115 Vin



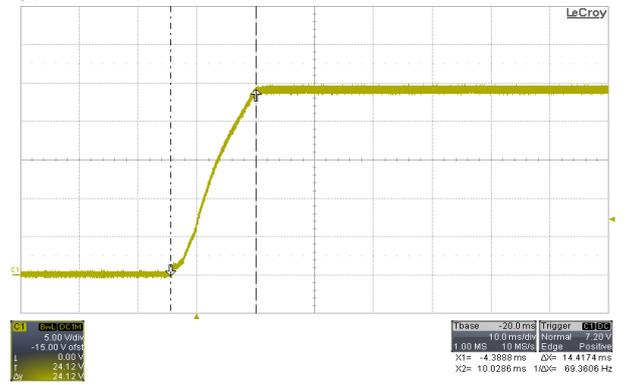
Typical Input Start-Up Characteristic at 230 Vin



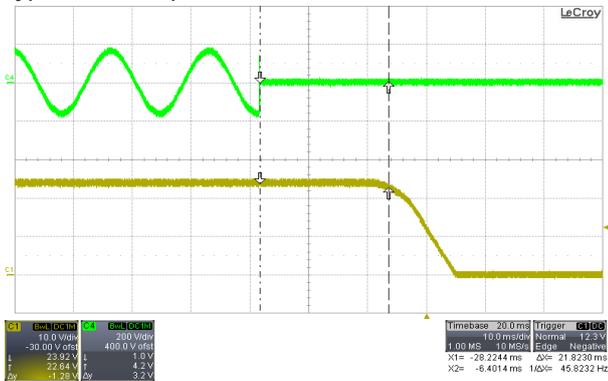
Typical Output Rise Characteristic at 115 Vin



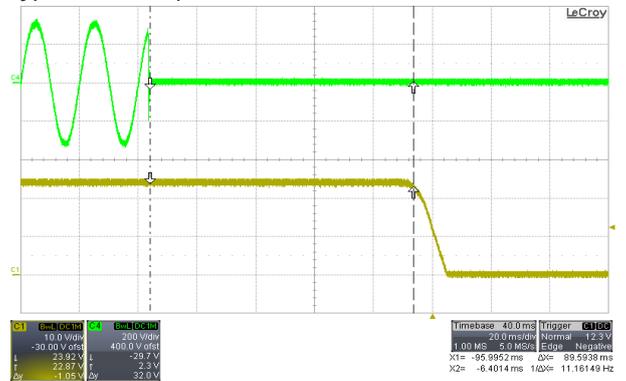
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



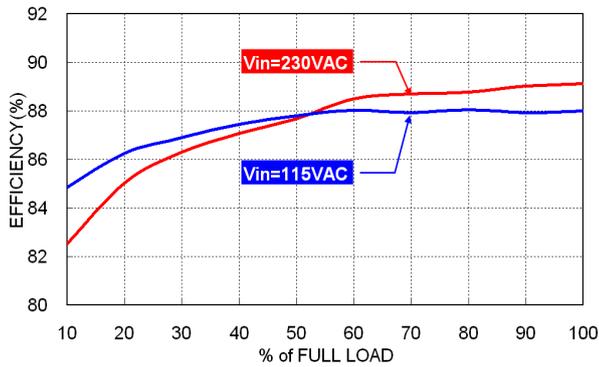
Typical Hold-Up Characteristic at 230 Vin



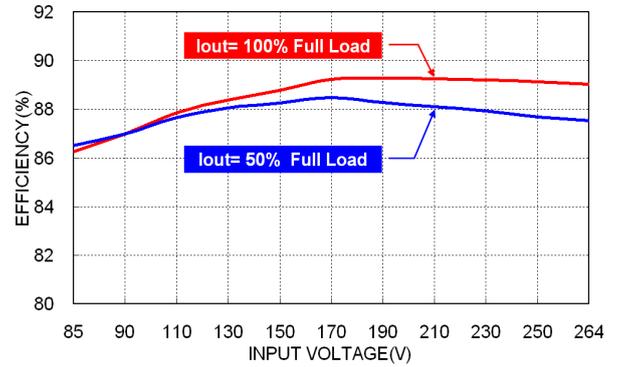
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-221

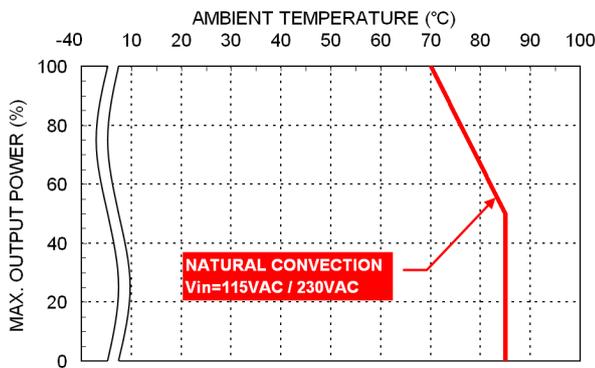
Efficiency versus Output Load



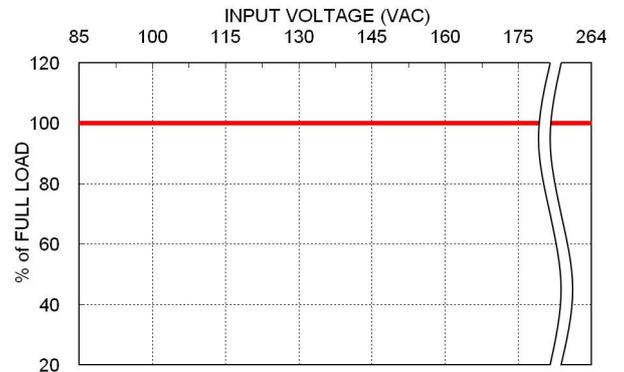
Efficiency versus Input Voltage



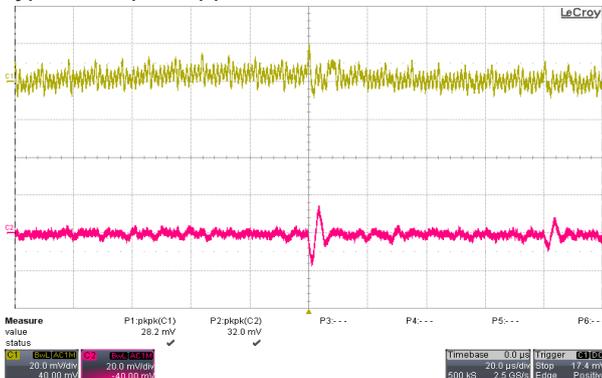
Derating Output Load versus Ambient Temperature



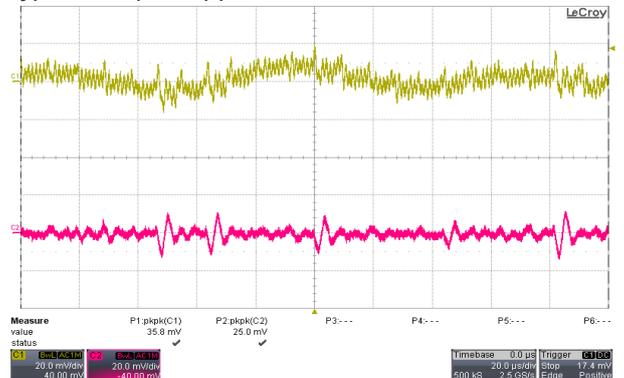
Derating Output versus Input Voltage



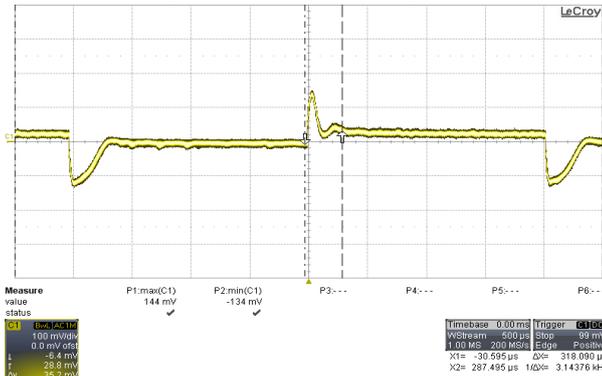
Typical Output Ripple and Noise at 115 Vin



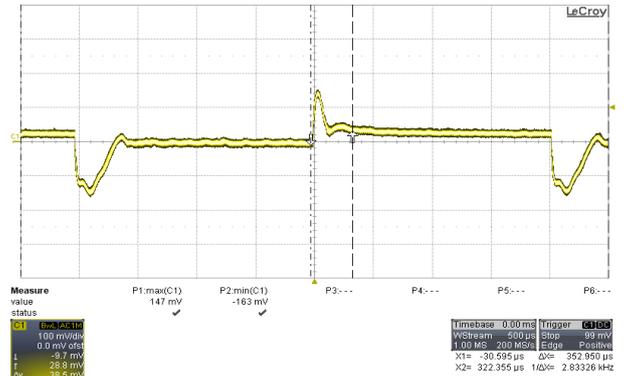
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



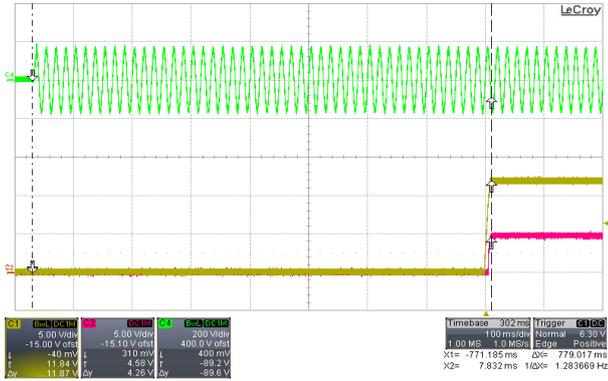
Transiente Response (25% load step) at 230 Vin



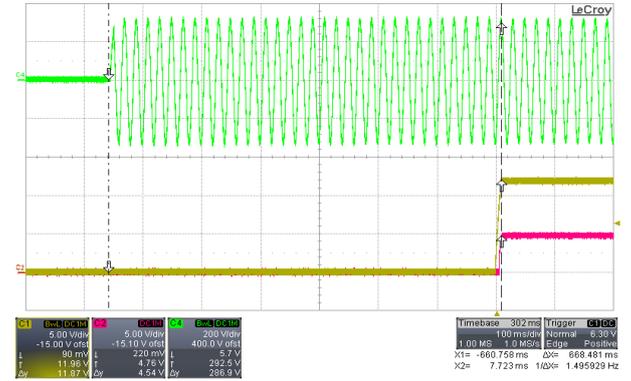
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-221

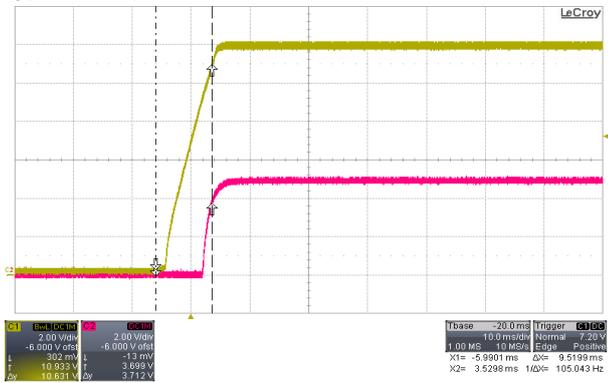
Typical Input Start-Up Characteristic at 115 Vin



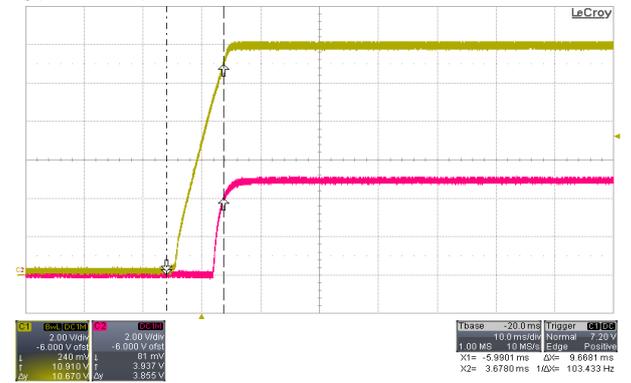
Typical Input Start-Up Characteristic at 230 Vin



Typical Output Rise Characteristic at 115 Vin



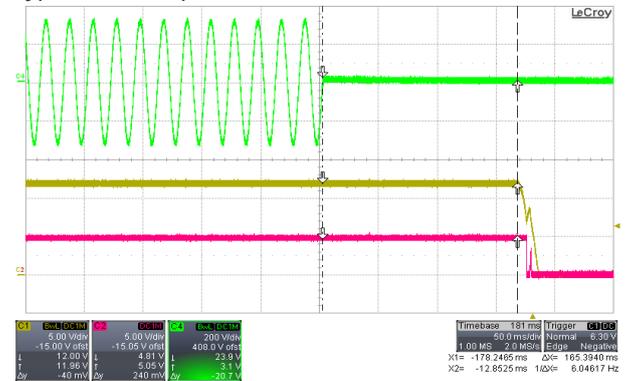
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



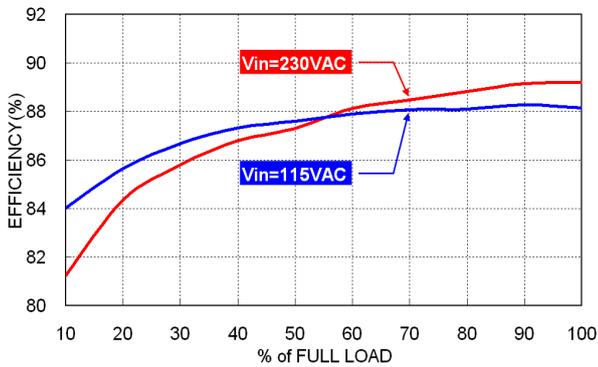
Typical Hold-Up Characteristic at 230 Vin



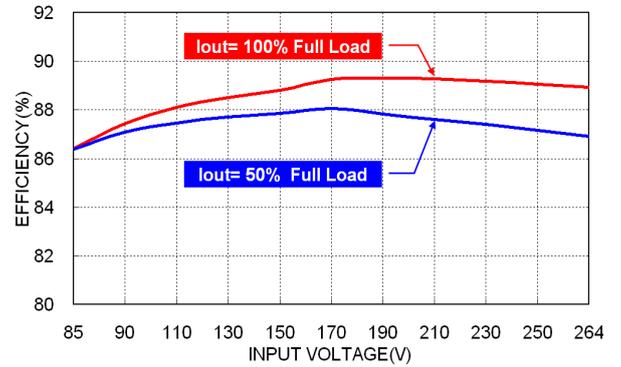
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-231

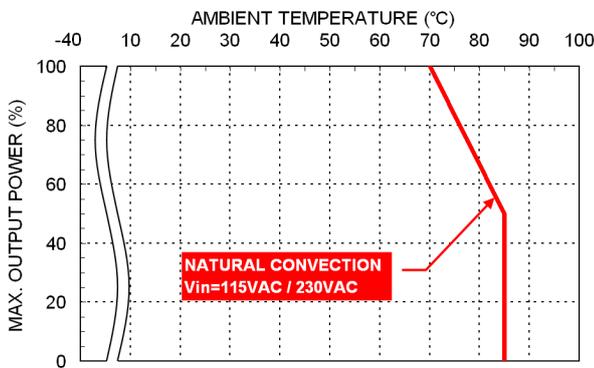
Efficiency versus Output Load



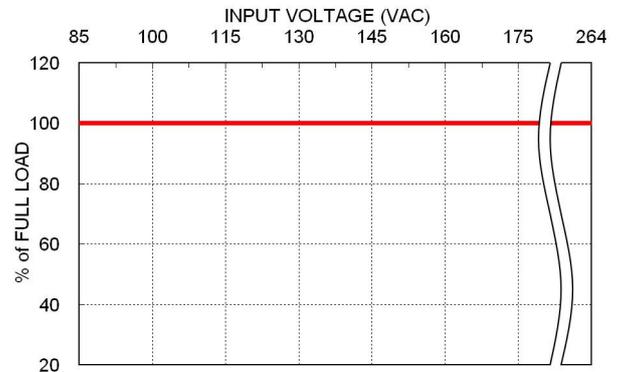
Efficiency versus Input Voltage



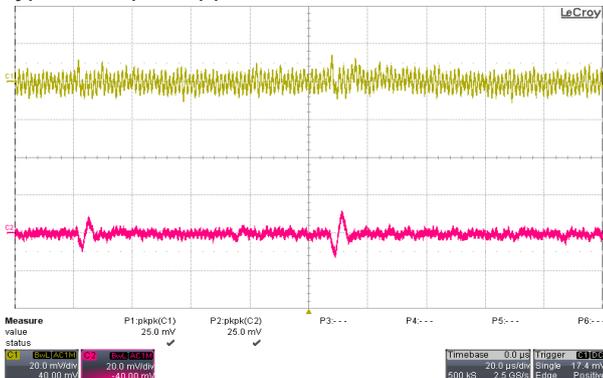
Derating Output Load versus Ambient Temperature



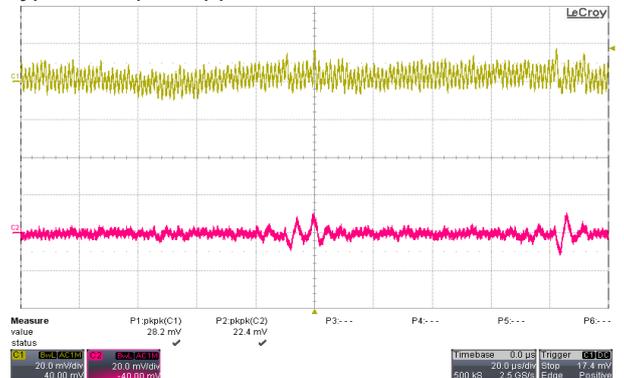
Derating Output versus Input Voltage



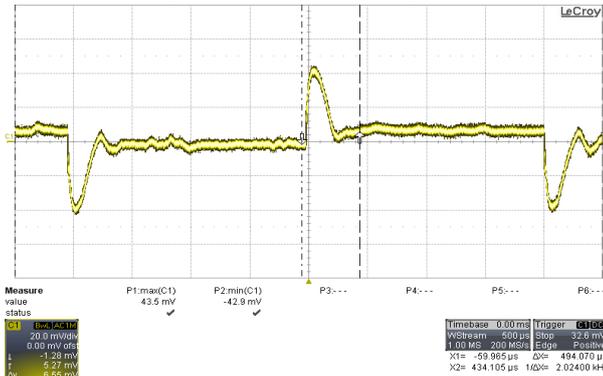
Typical Output Ripple and Noise at 115 Vin



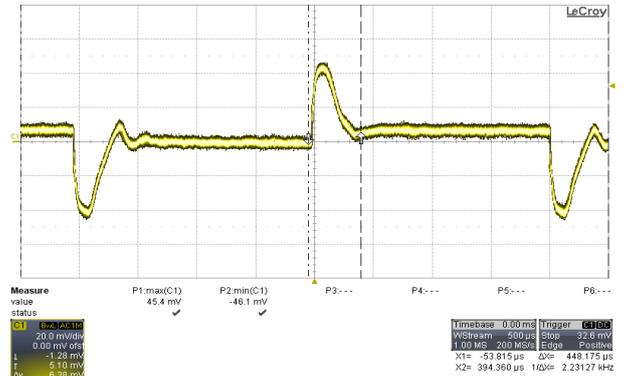
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



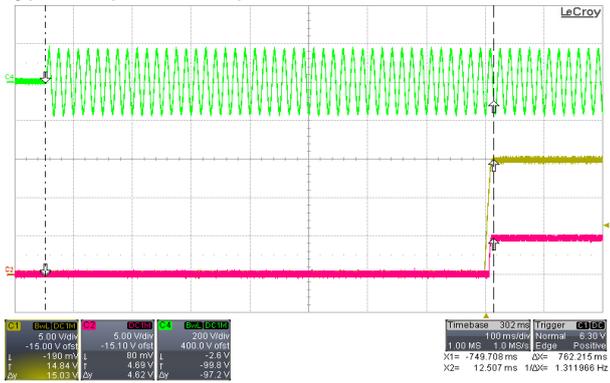
Transiente Response (25% load step) at 230 Vin



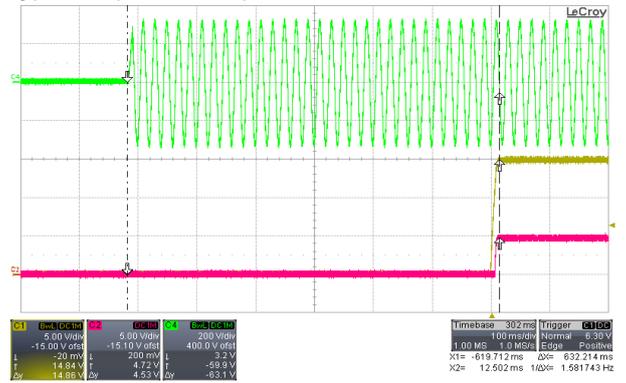
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-231

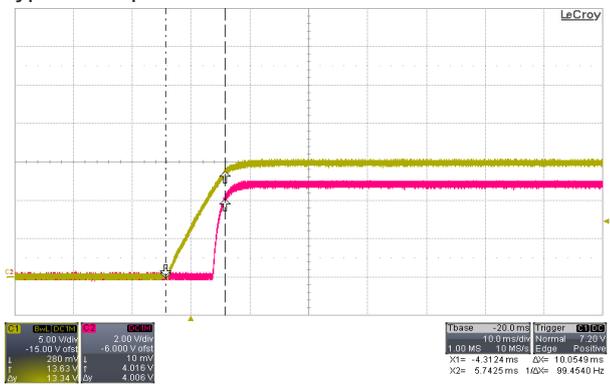
Typical Input Start-Up Characteristic at 115 Vin



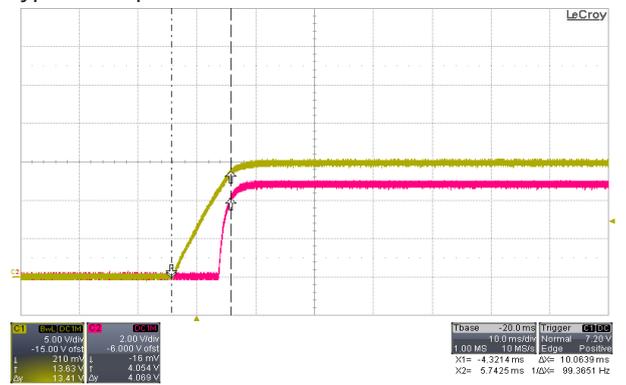
Typical Input Start-Up Characteristic at 230 Vin



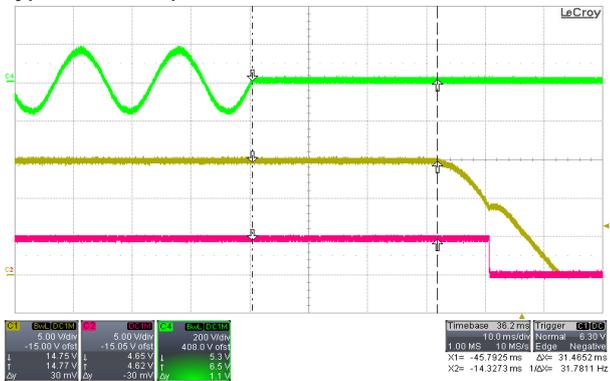
Typical Output Rise Characteristic at 115 Vin



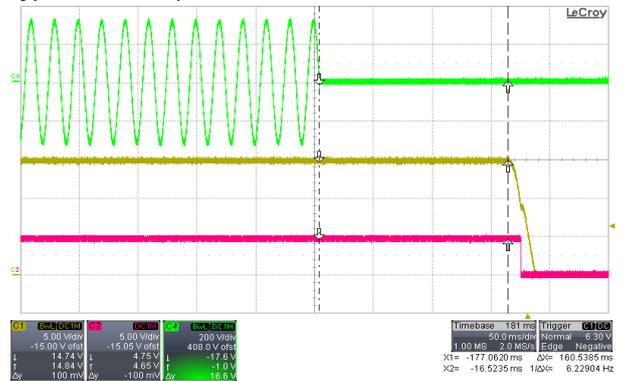
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



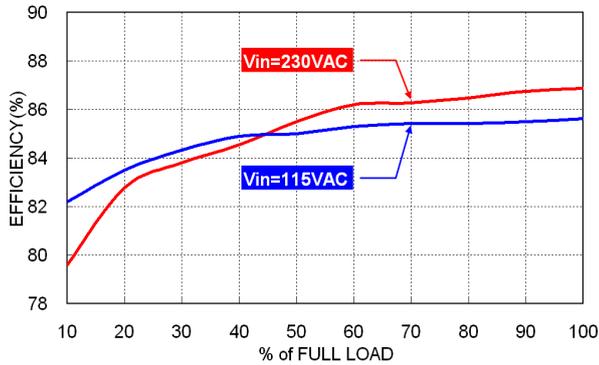
Typical Hold-Up Characteristic at 230 Vin



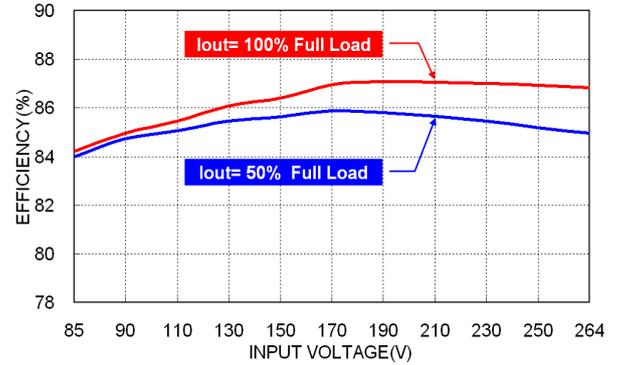
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-251

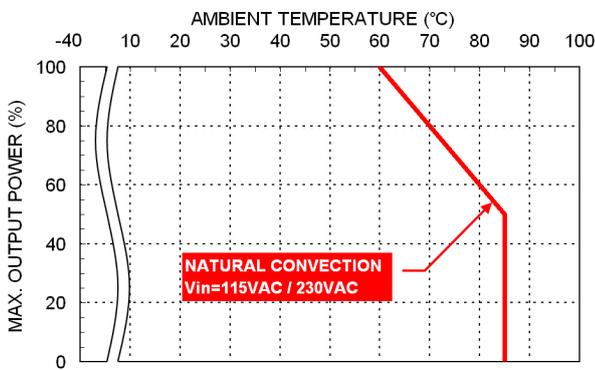
Efficiency versus Output Load



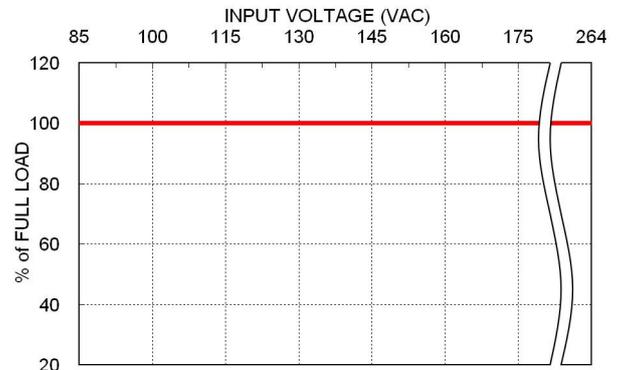
Efficiency versus Input Voltage



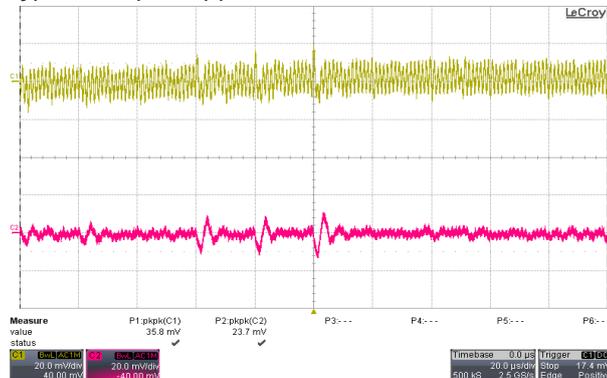
Derating Output Load versus Ambient Temperature



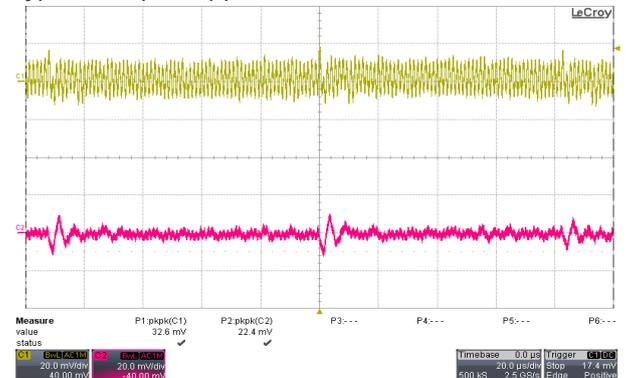
Derating Output versus Input Voltage



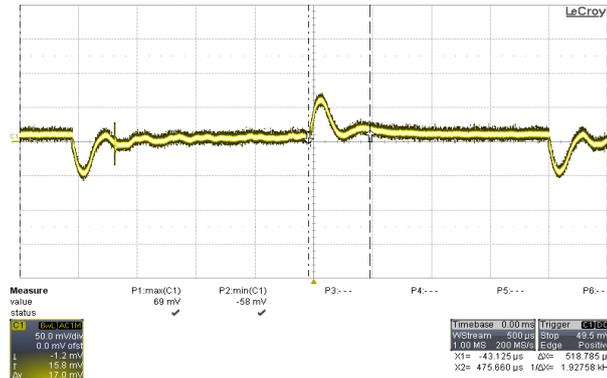
Typical Output Ripple and Noise at 115 Vin



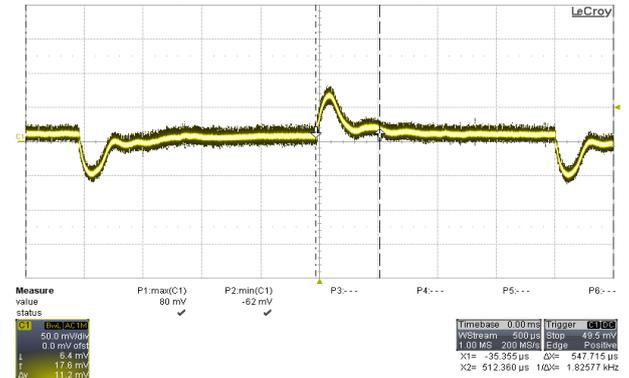
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



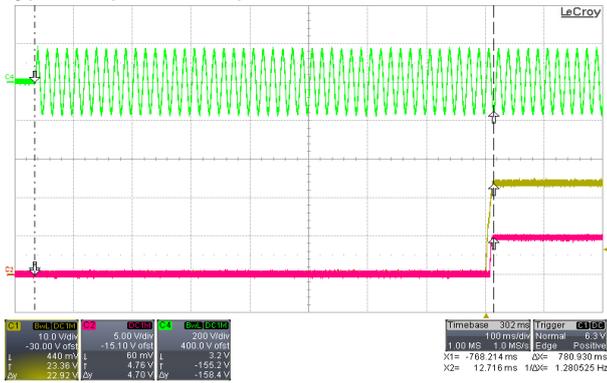
Transiente Response (25% load step) at 230 Vin



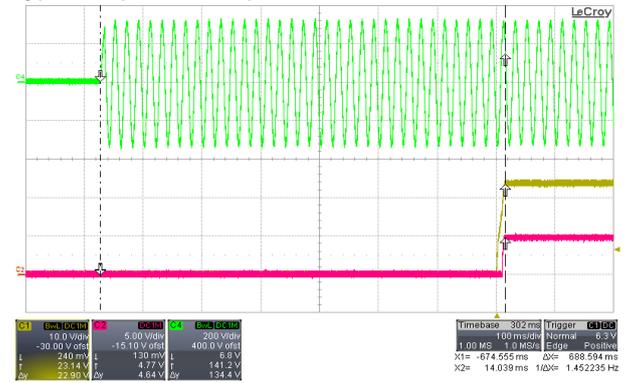
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-251

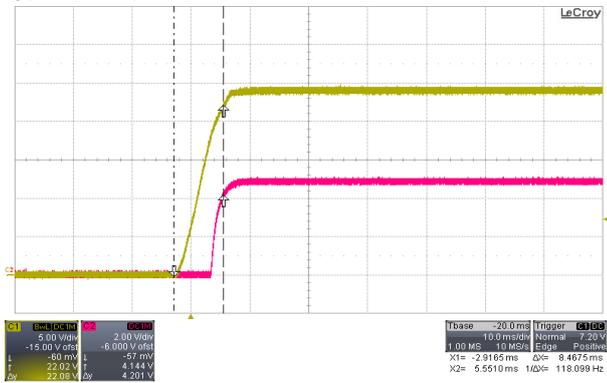
Typical Input Start-Up Characteristic at 115 Vin



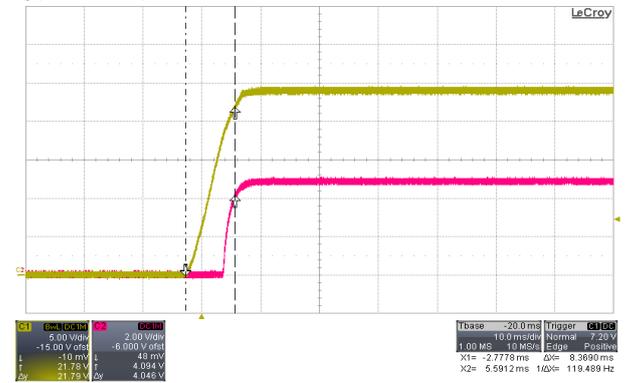
Typical Input Start-Up Characteristic at 230 Vin



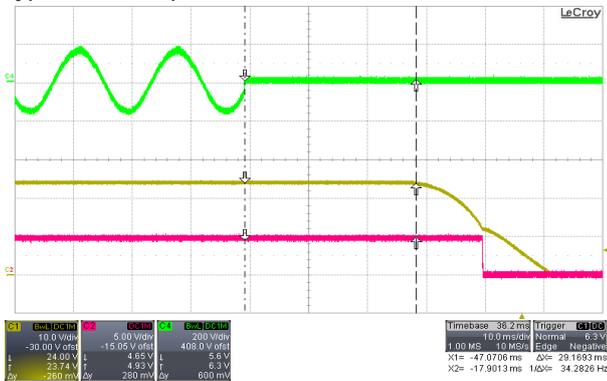
Typical Output Rise Characteristic at 115 Vin



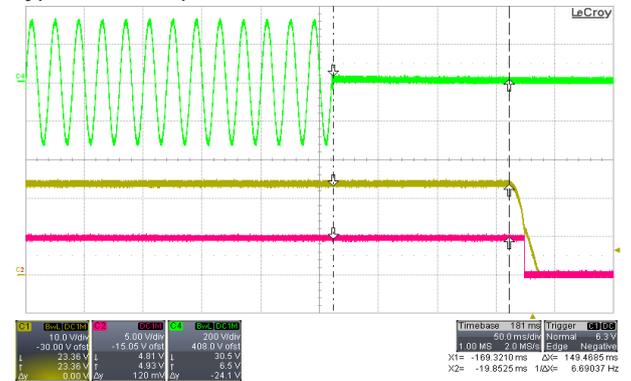
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



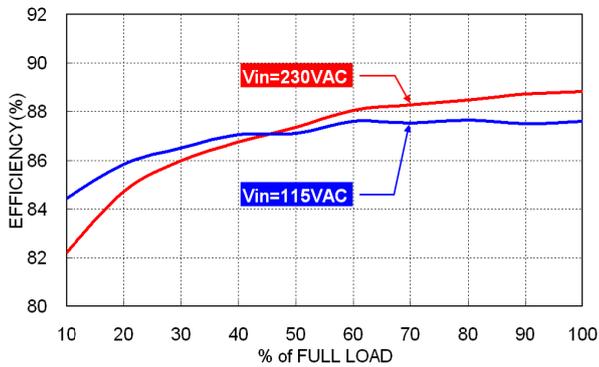
Typical Hold-Up Characteristic at 230 Vin



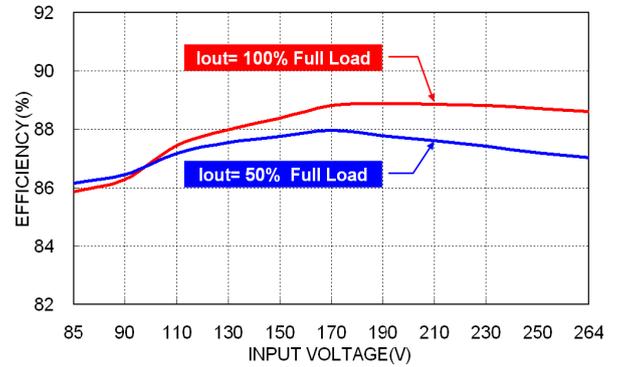
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-321M2

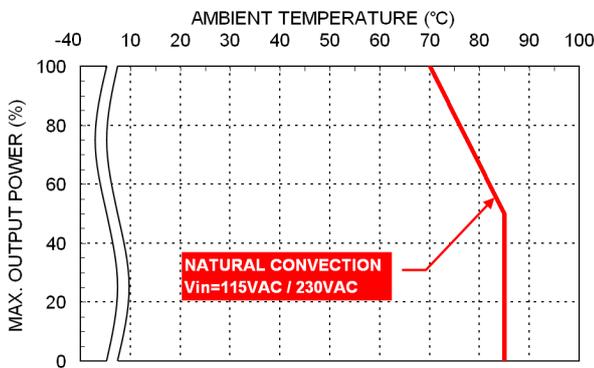
Efficiency versus Output Load



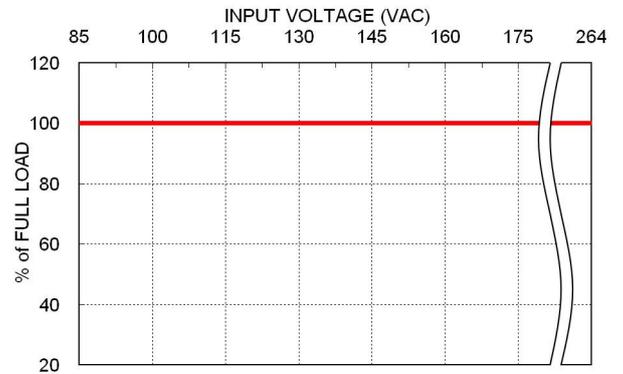
Efficiency versus Input Voltage



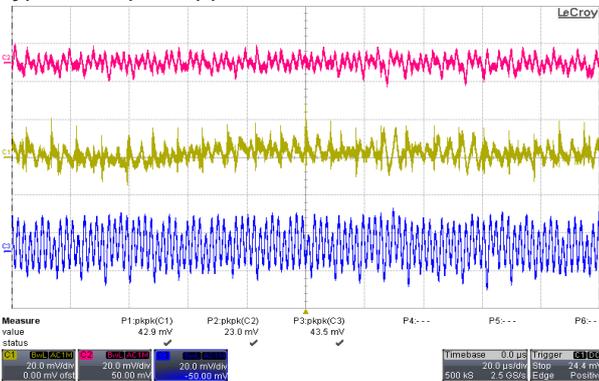
Derating Output Load versus Ambient Temperature



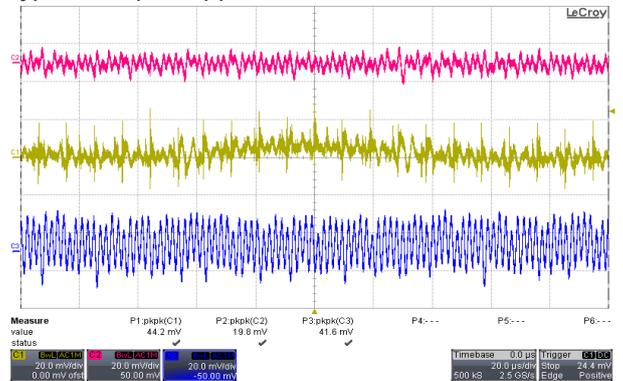
Derating Output versus Input Voltage



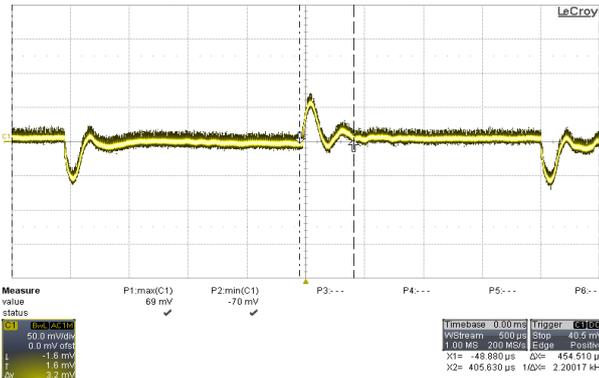
Typical Output Ripple and Noise at 115 Vin



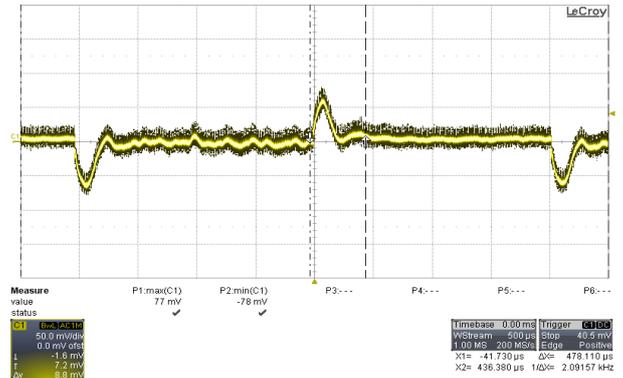
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



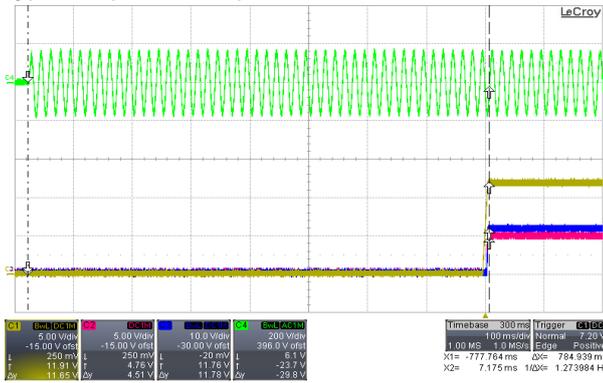
Transiente Response (25% load step) at 230 Vin



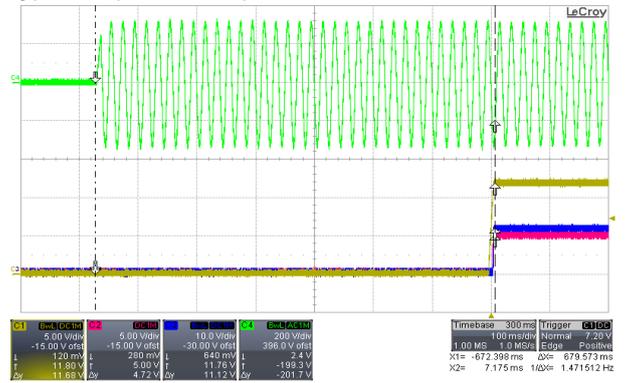
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-321M2

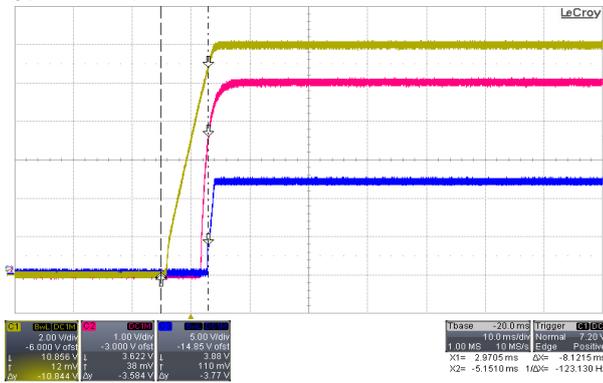
Typical Input Start-Up Characteristic at 115 Vin



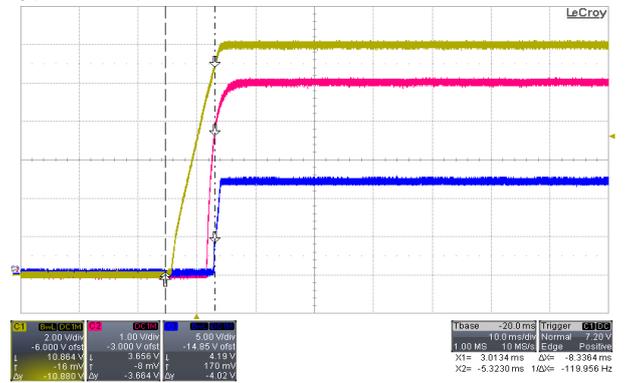
Typical Input Start-Up Characteristic at 230 Vin



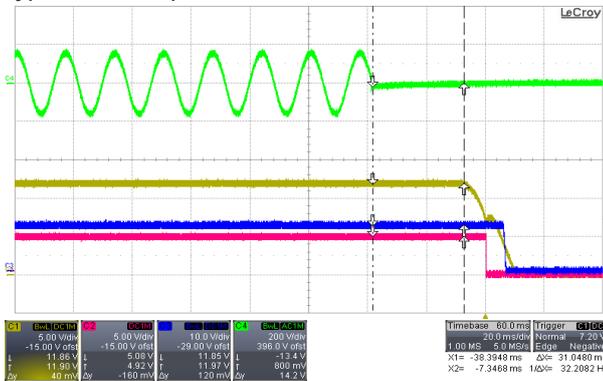
Typical Output Rise Characteristic at 115 Vin



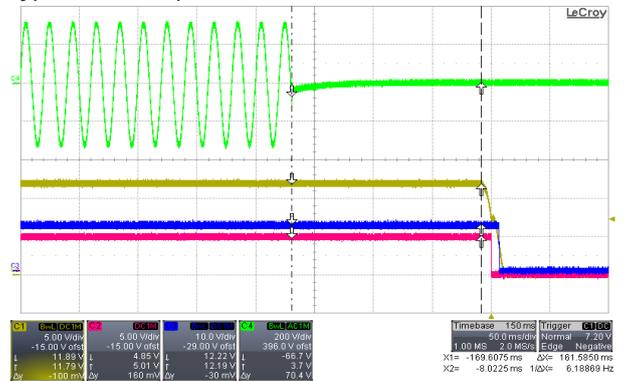
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



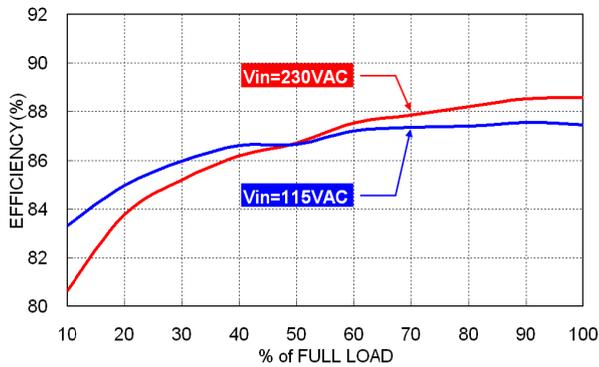
Typical Hold-Up Characteristic at 230 Vin



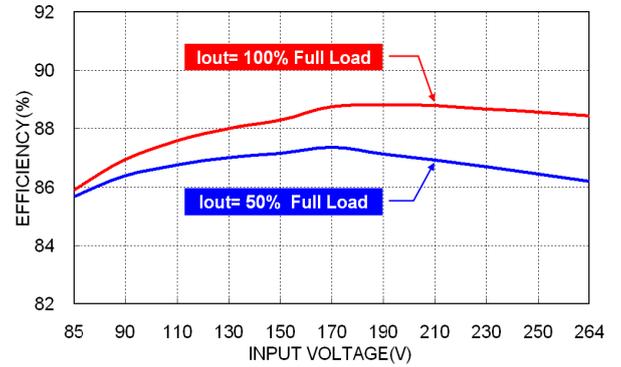
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-331M3

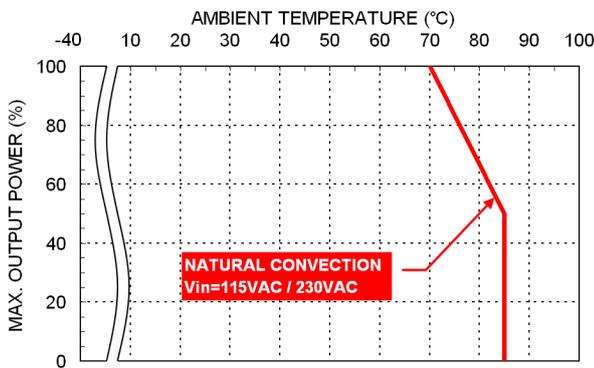
Efficiency versus Output Load



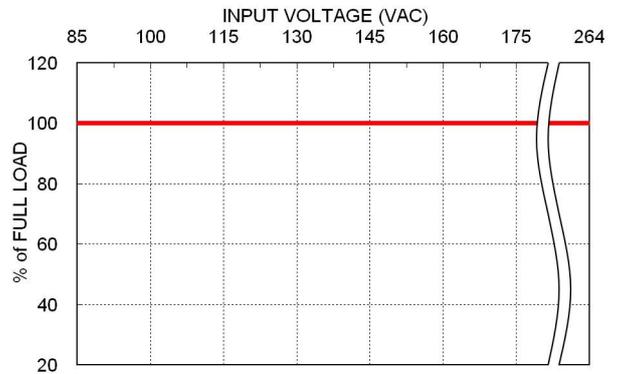
Efficiency versus Input Voltage



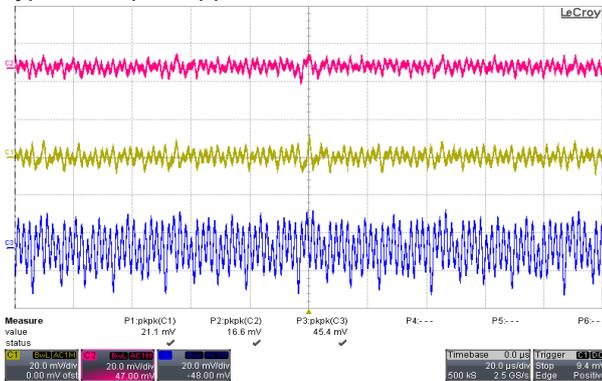
Derating Output Load versus Ambient Temperature



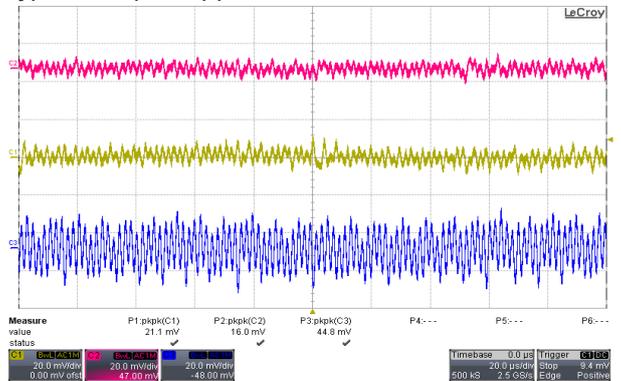
Derating Output versus Input Voltage



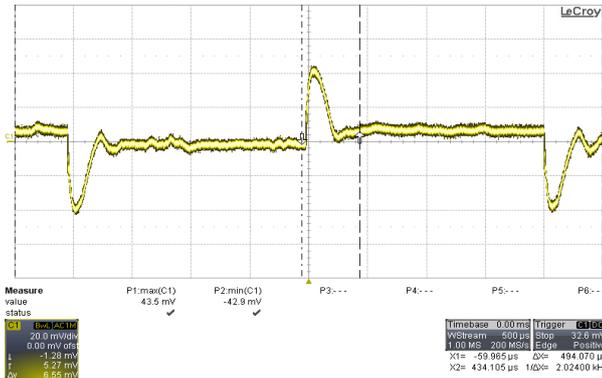
Typical Output Ripple and Noise at 115 Vin



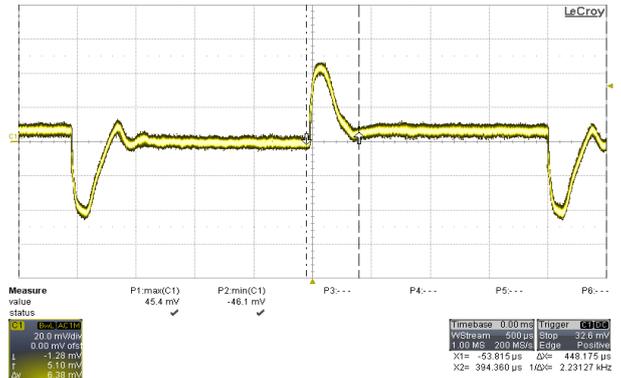
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



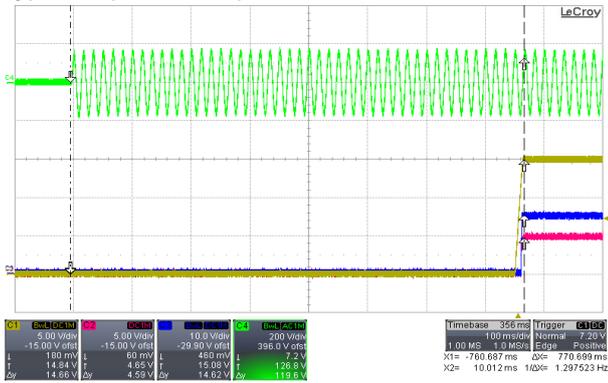
Transiente Response (25% load step) at 230 Vin



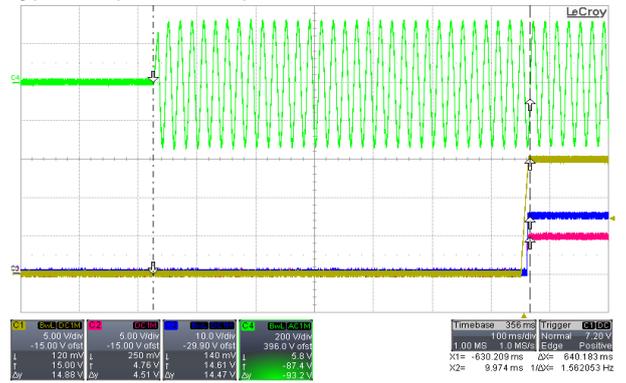
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-331M3

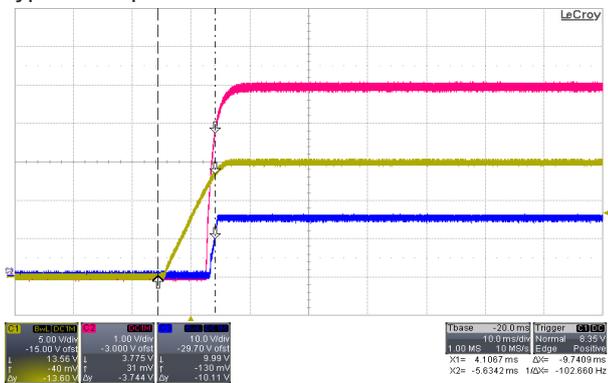
Typical Input Start-Up Characteristic at 115 Vin



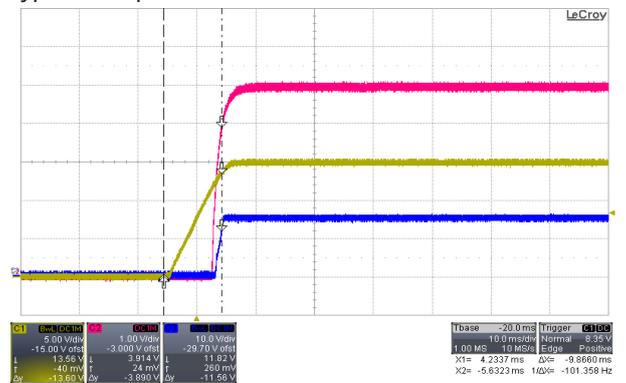
Typical Input Start-Up Characteristic at 230 Vin



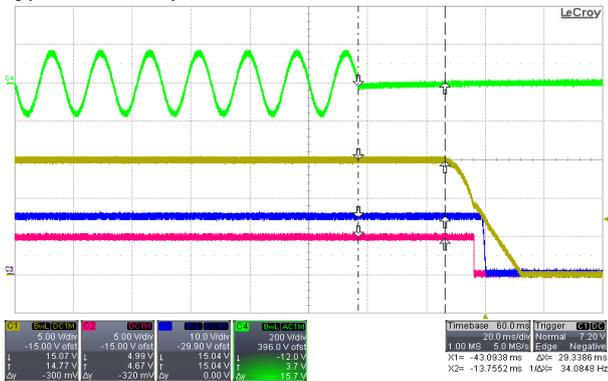
Typical Output Rise Characteristic at 115 Vin



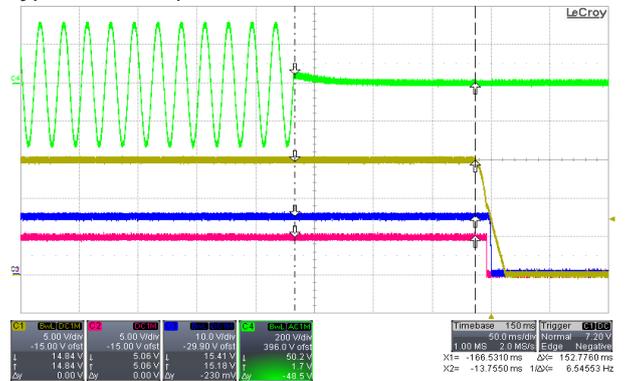
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



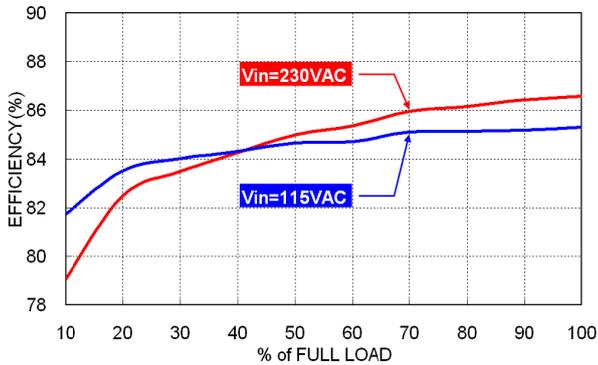
Typical Hold-Up Characteristic at 230 Vin



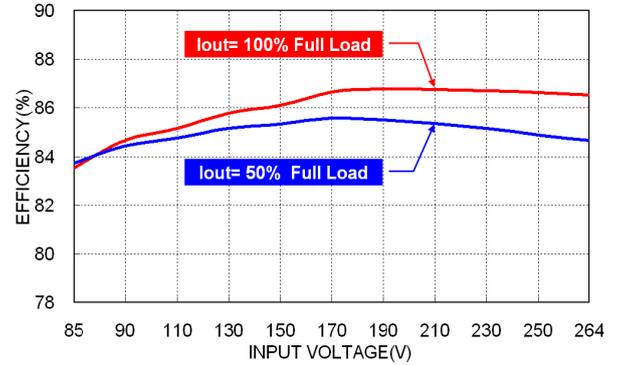
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

### TPP 40-3512

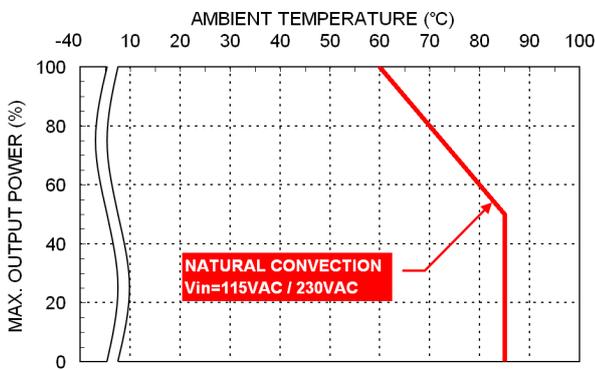
Efficiency versus Output Load



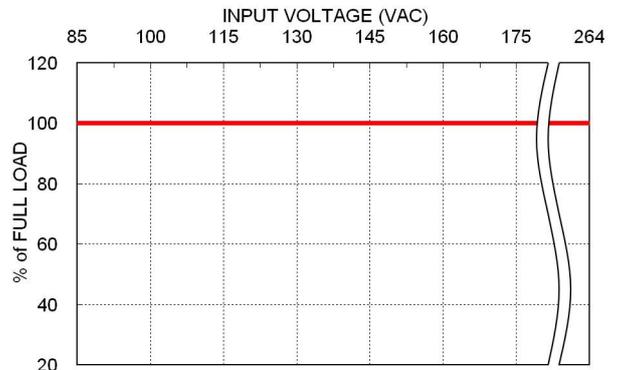
Efficiency versus Input Voltage



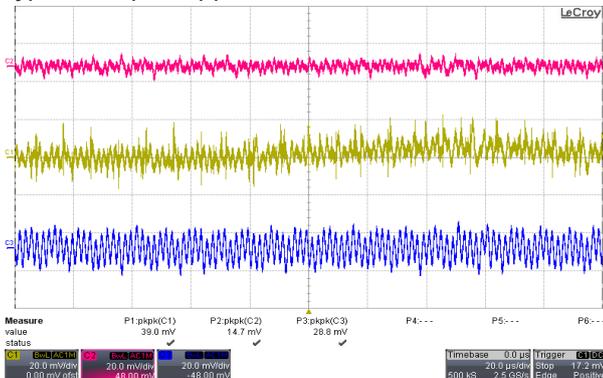
Derating Output Load versus Ambient Temperature



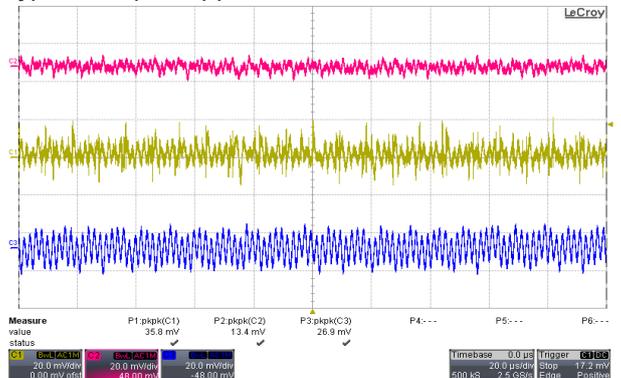
Derating Output versus Input Voltage



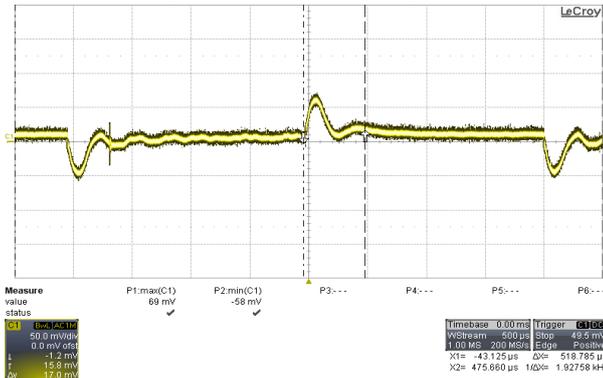
Typical Output Ripple and Noise at 115 Vin



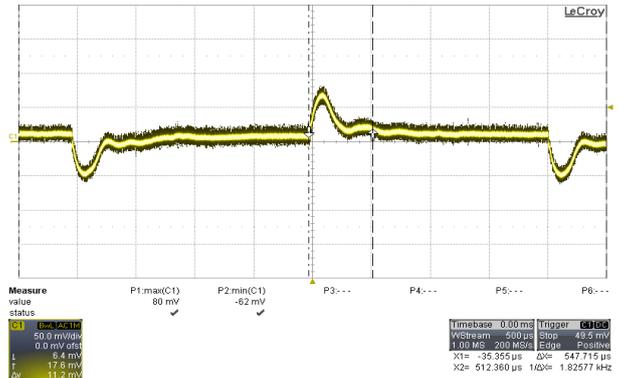
Typical Output Ripple and Noise at 230 Vin



Transiente Response (25% load step) at 115 Vin



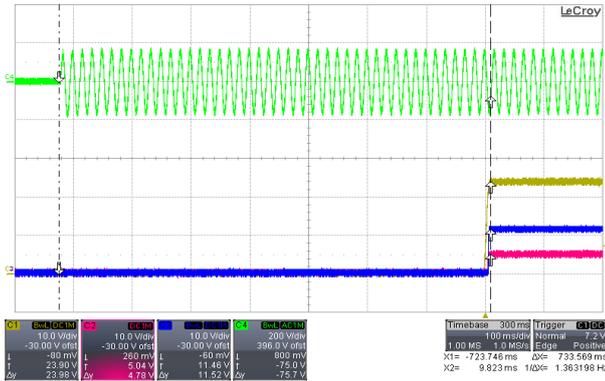
Transiente Response (25% load step) at 230 Vin



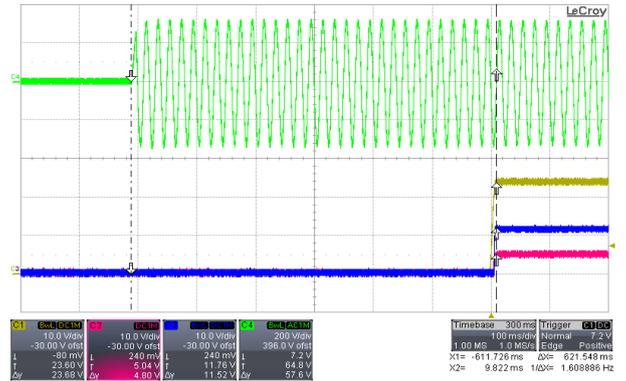
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

## TPP 40-3512

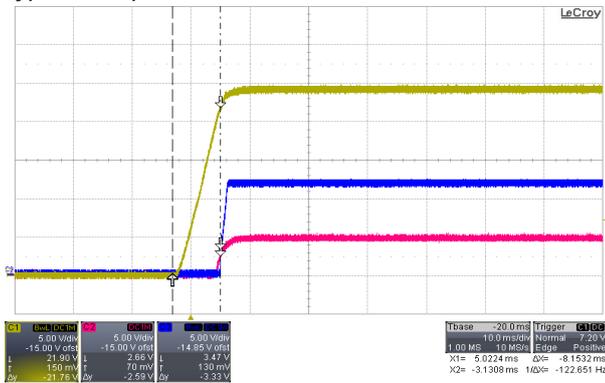
Typical Input Start-Up Characteristic at 115 Vin



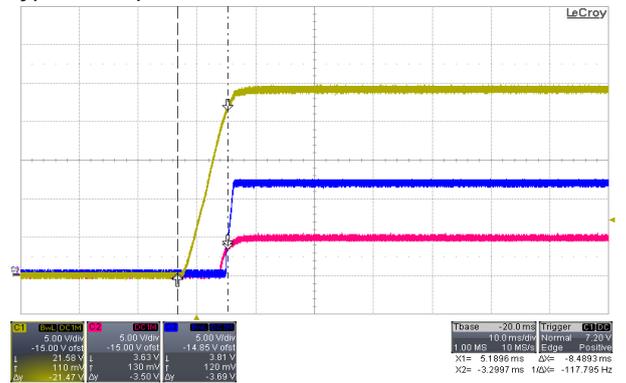
Typical Input Start-Up Characteristic at 230 Vin



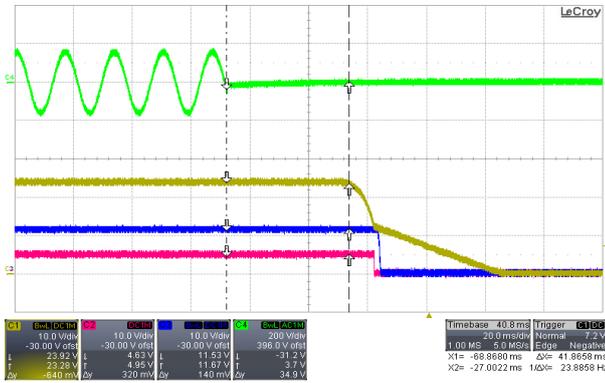
Typical Output Rise Characteristic at 115 Vin



Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



Typical Hold-Up Characteristic at 230 Vin

