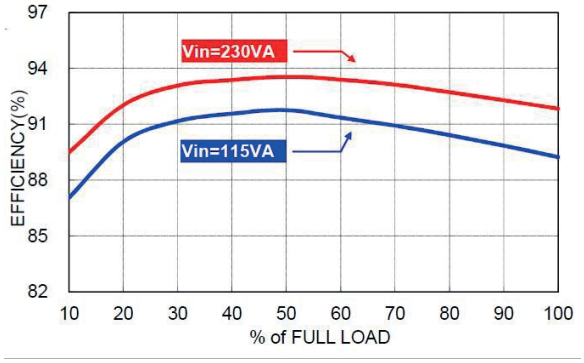
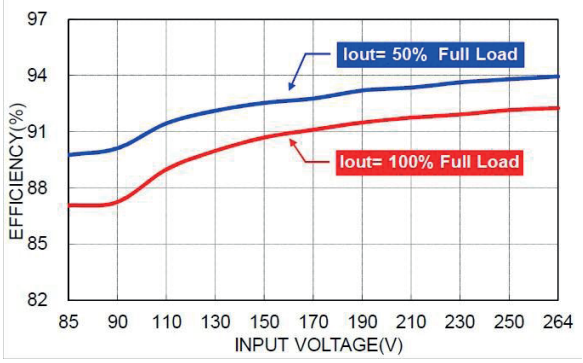
Characteristic Curves

TPI 300-112(L)-M

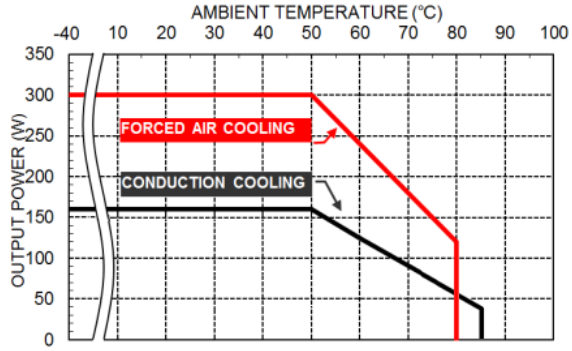
Efficiency versus Output Load



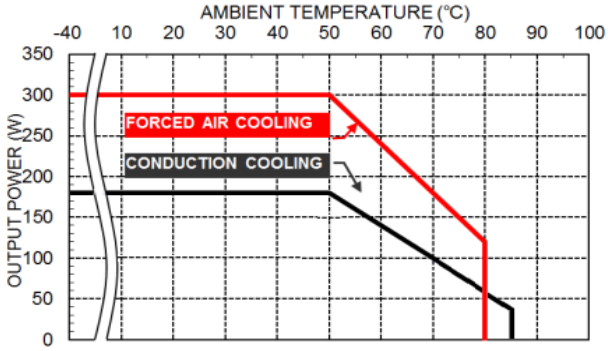
Efficiency versus Input Voltage



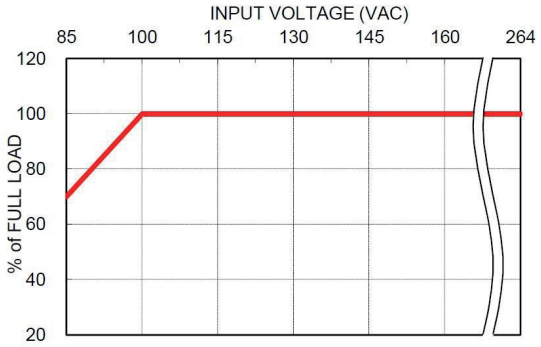
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

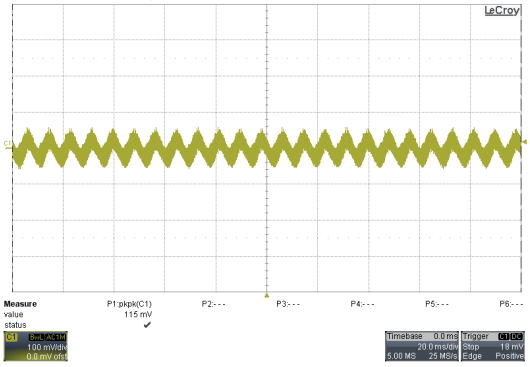


Derating Output vs Input Voltage

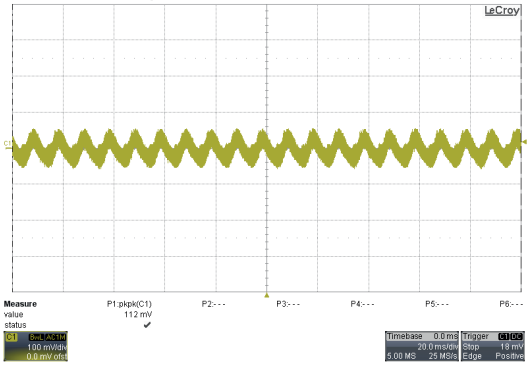


TPI 300-112(L)-M

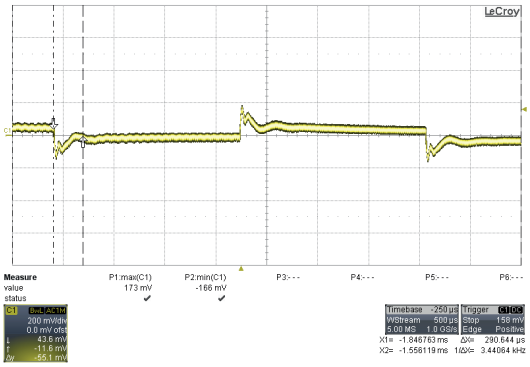
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



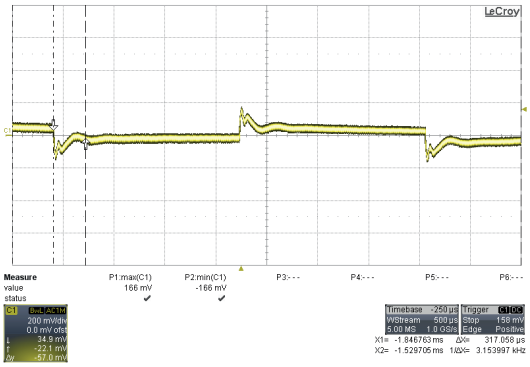
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

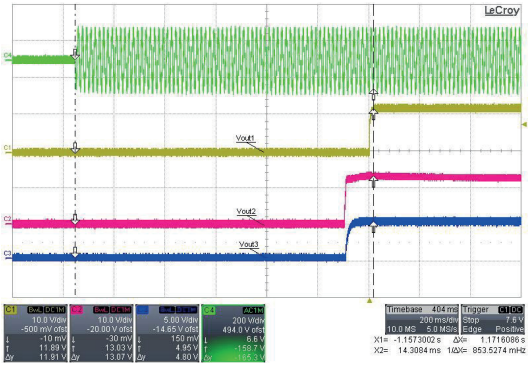


Transient Response to Dynamic Load Change (25%)
at 230 Vin

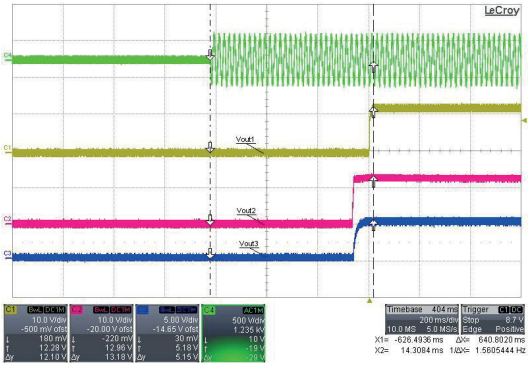


TPI 300-112(L)-M

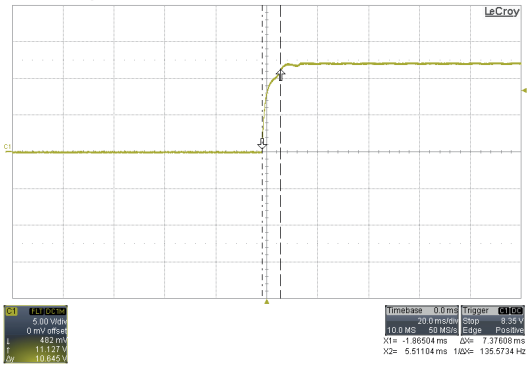
Typical Input-Start-Up Characteristic at 115 Vin



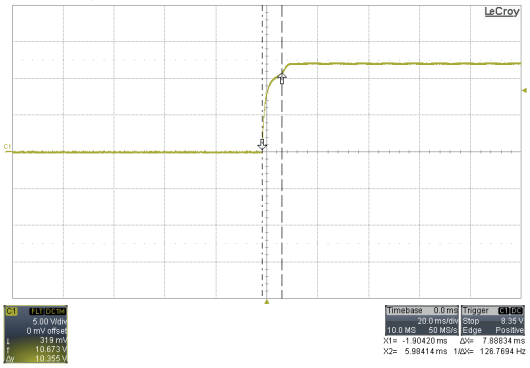
Typical Input-Start-Up Characteristic at 230 Vin



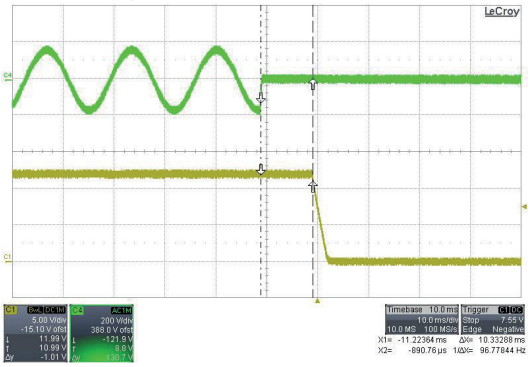
Typcial Output Rise Characteristic at 115 Vin



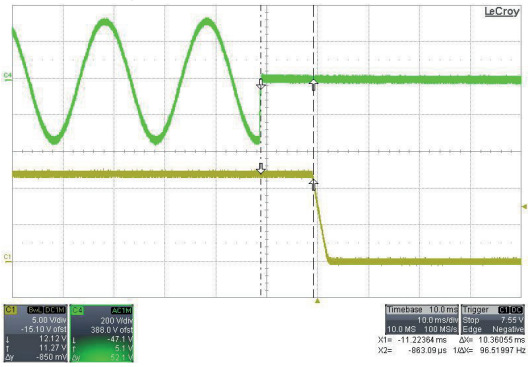
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W

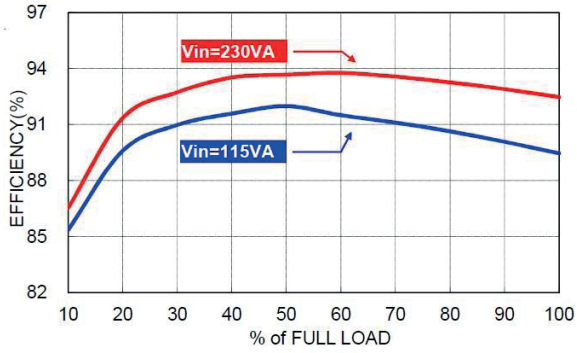


Typical Hold-Up Characteristic at 230 Vin / 225 W

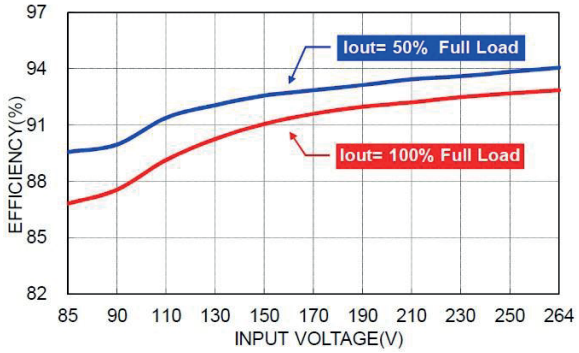


TPI 300-115(L)-M

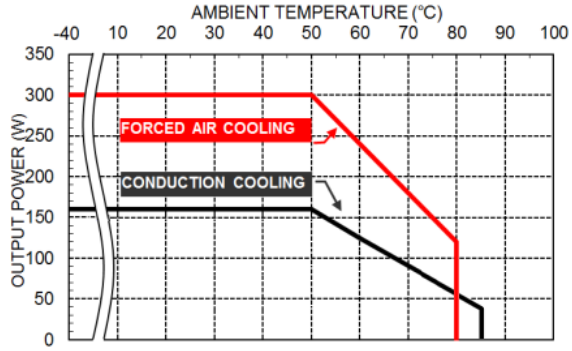
Efficiency versus Output Load



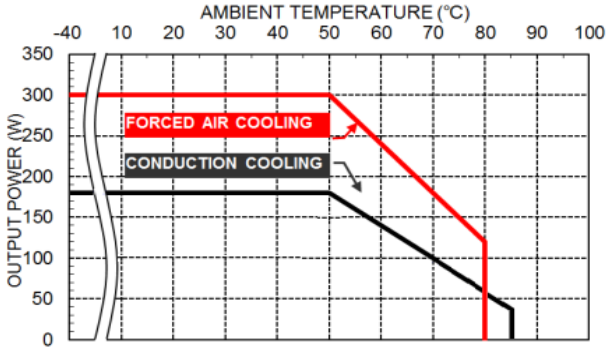
Efficiency versus Input Voltage



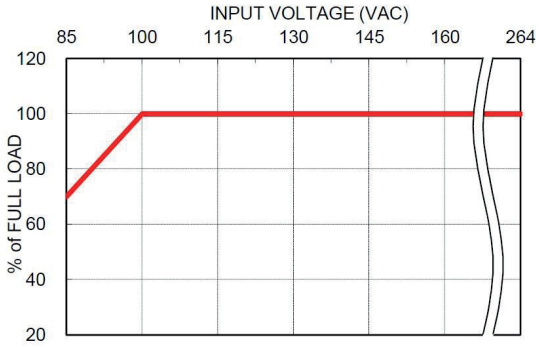
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

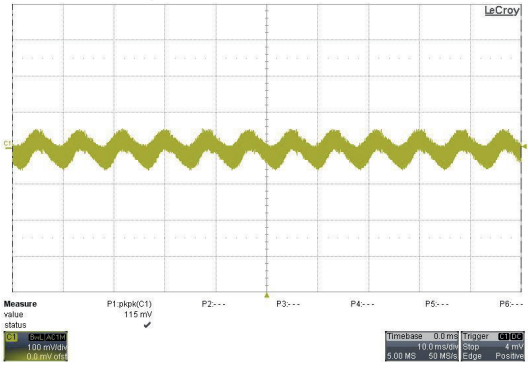


Derating Output vs Input Voltage

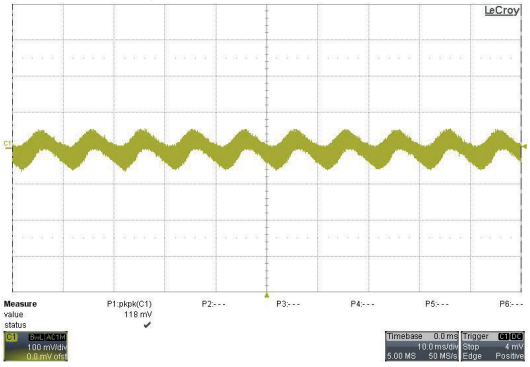


TPI 300-115(L)-M

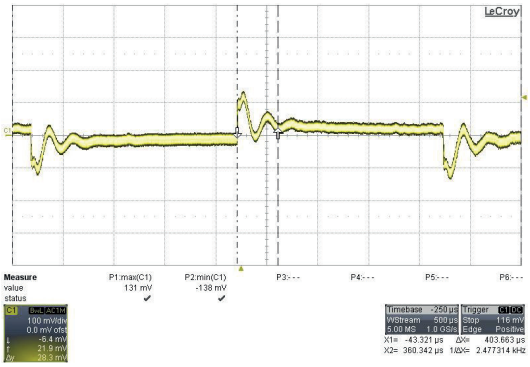
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



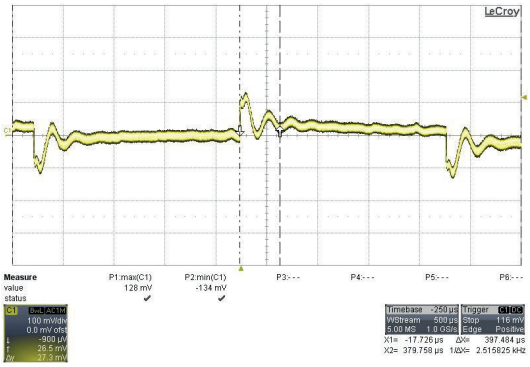
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

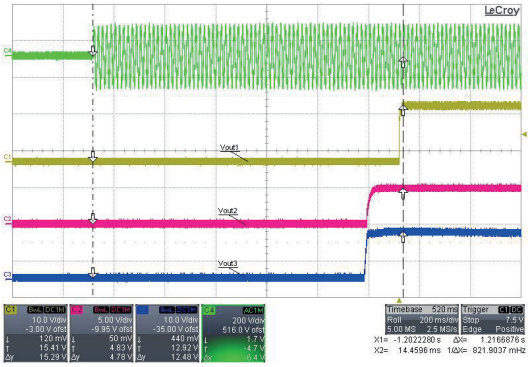


Transient Response to Dynamic Load Change (25%)
at 230 Vin

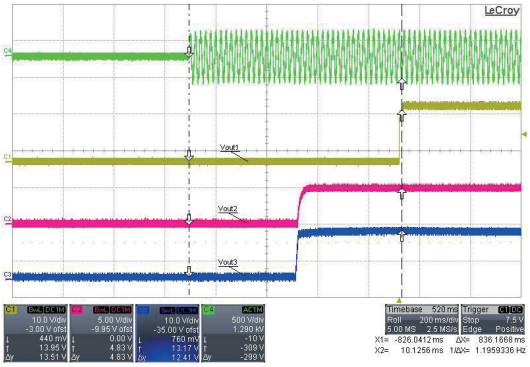


TPI 300-115(L)-M

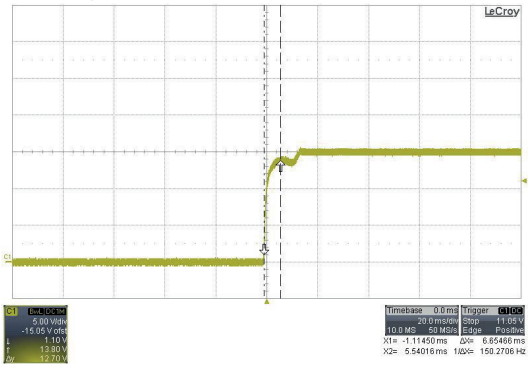
Typical Input-Start-Up Characteristic at 115 Vin



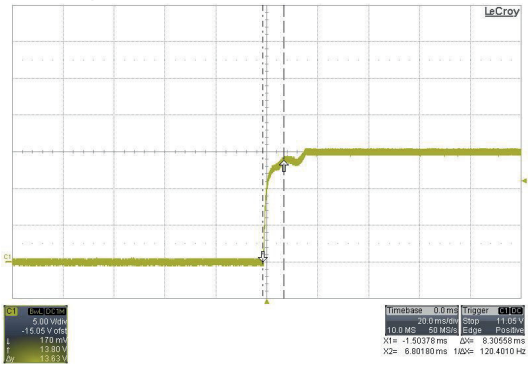
Typical Input-Start-Up Characteristic at 230 Vin



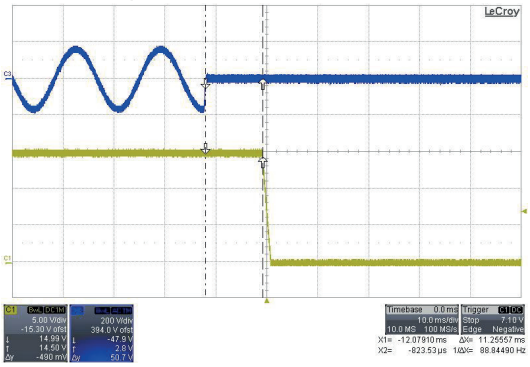
Typcial Output Rise Characteristic at 115 Vin



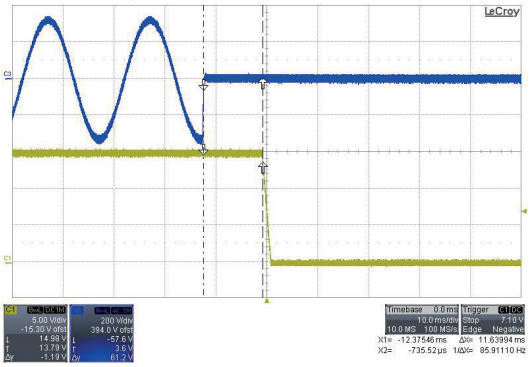
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W

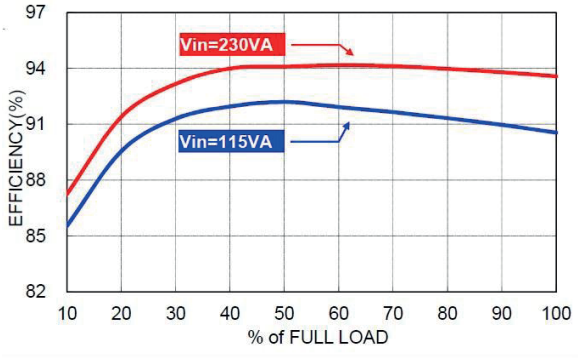


Typical Hold-Up Characteristic at 230 Vin / 225 W

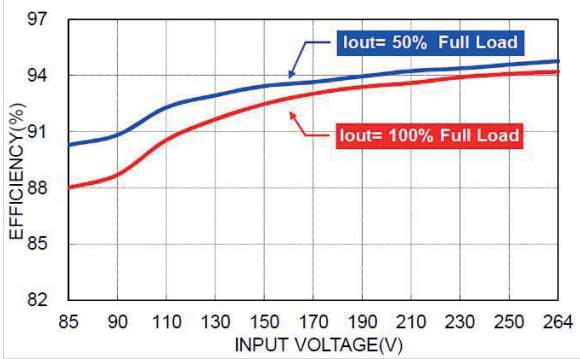


On demand model with 18 Vout

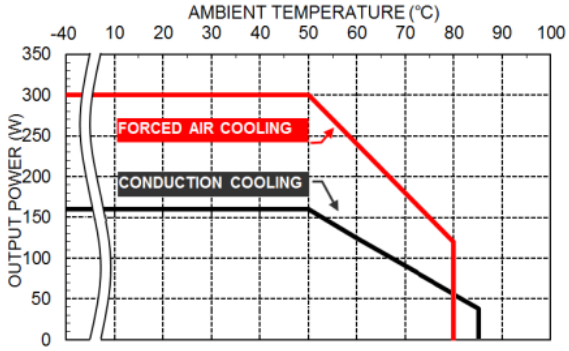
Efficiency versus Output Load



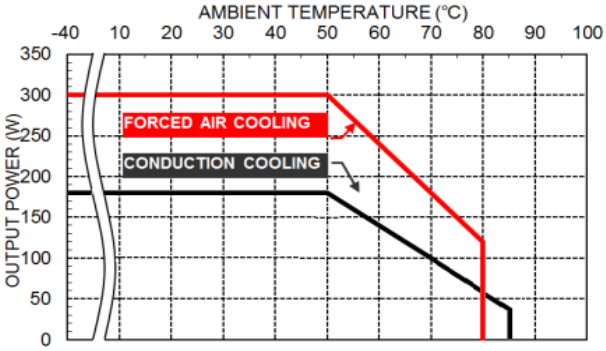
Efficiency versus Input Voltage



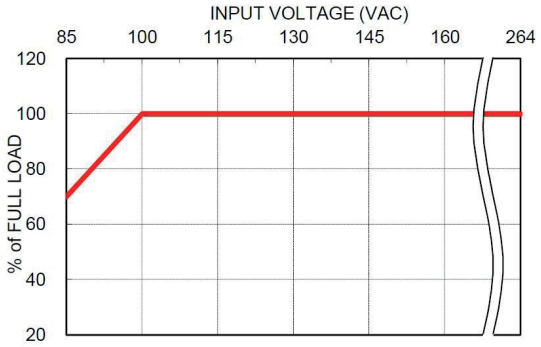
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

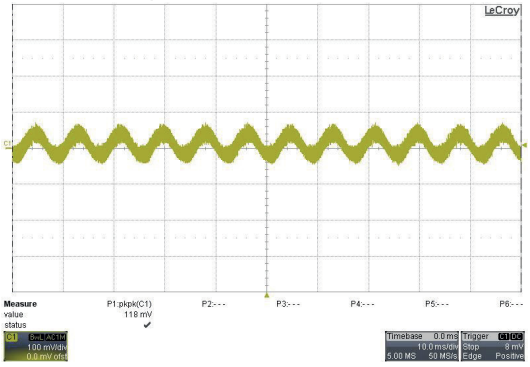


Derating Output vs Input Voltage

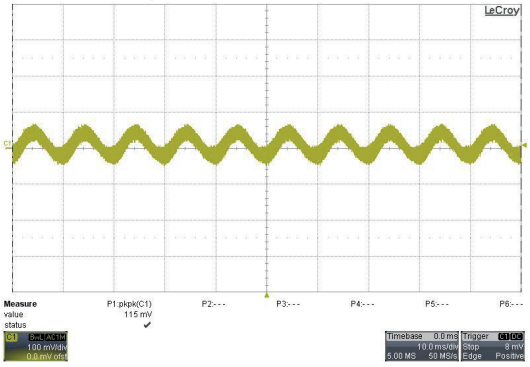


On demand model with 18 Vout

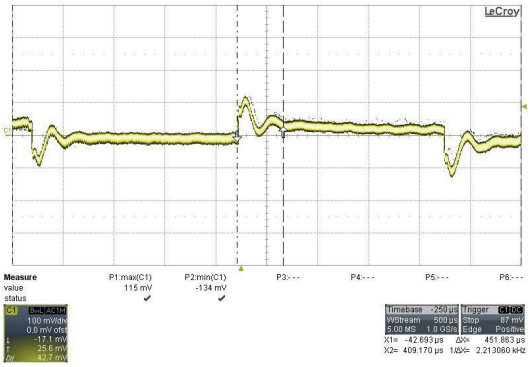
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



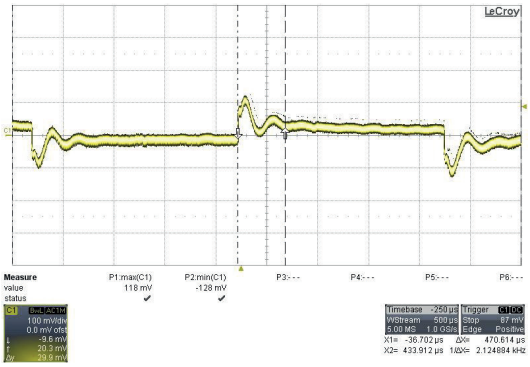
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

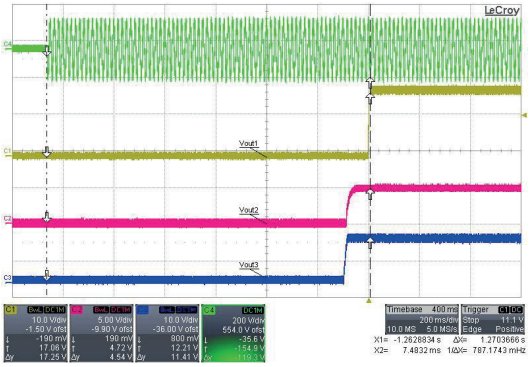


Transient Response to Dynamic Load Change (25%)
at 230 Vin

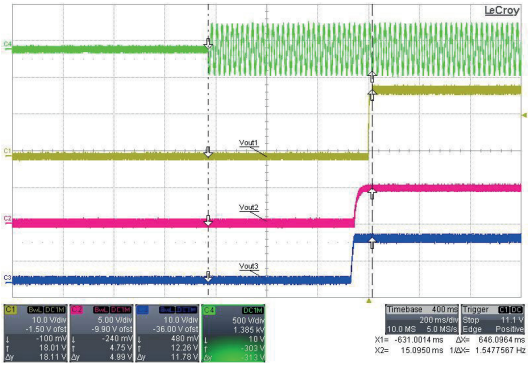


On demand model with 18 Vout

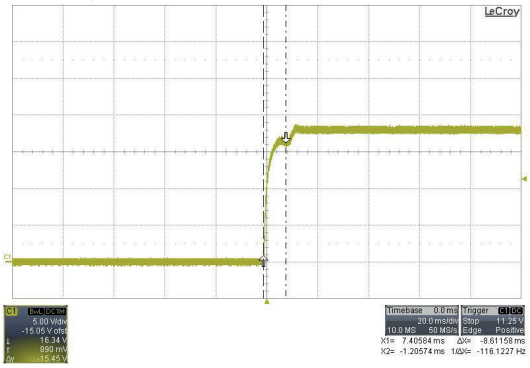
Typical Input-Start-Up Characteristic at 115 Vin



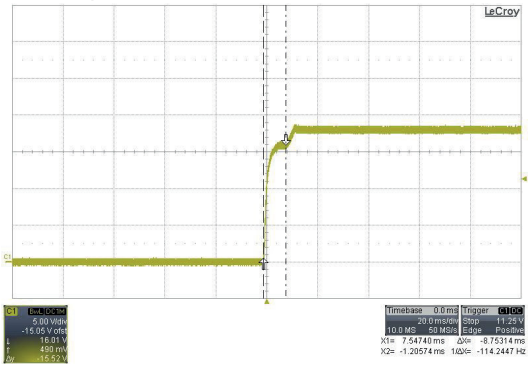
Typical Input-Start-Up Characteristic at 230 Vin



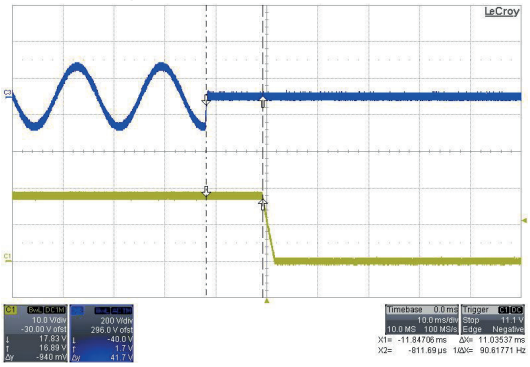
Typcial Output Rise Characteristic at 115 Vin



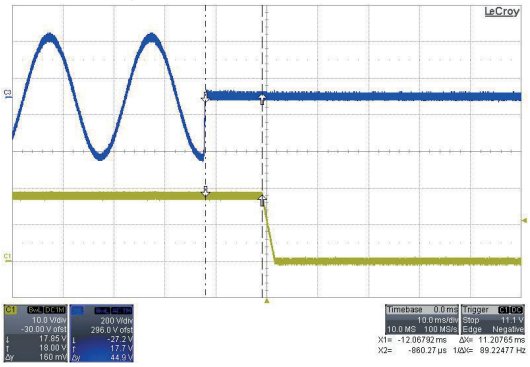
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W

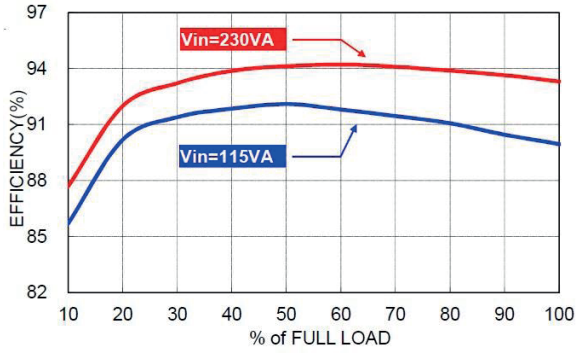


Typical Hold-Up Characteristic at 230 Vin / 225 W

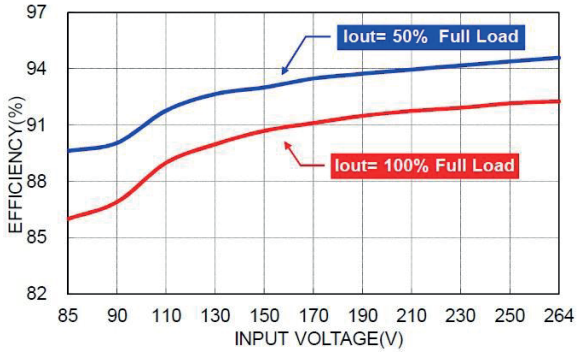


TPI 300-124(L)-M

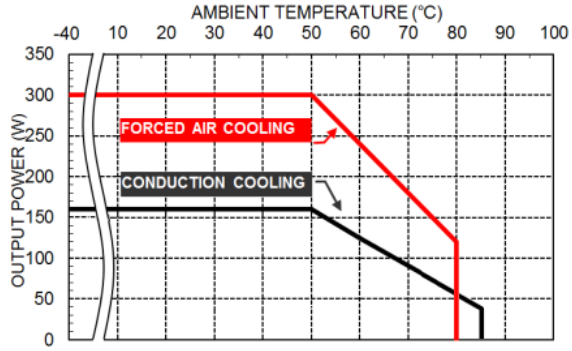
Efficiency versus Output Load



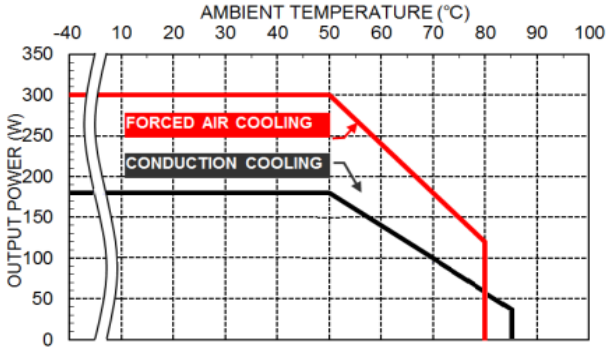
Efficiency versus Input Voltage



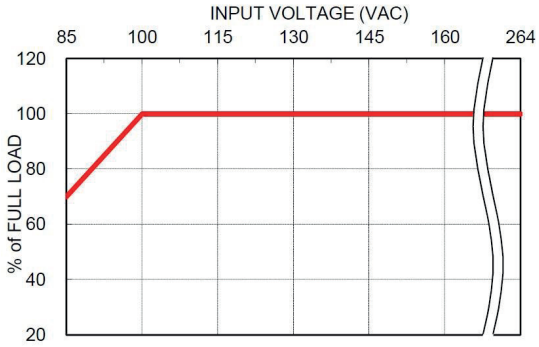
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

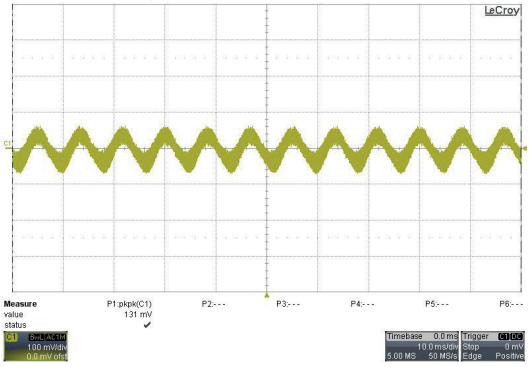


Derating Output vs Input Voltage

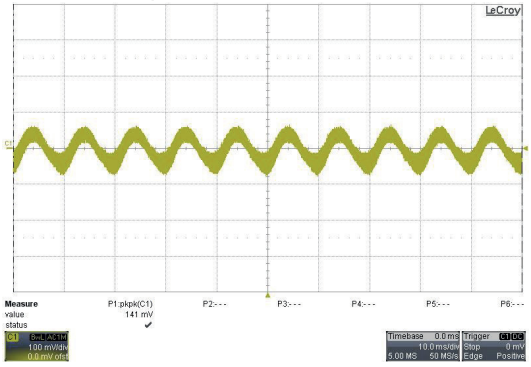


TPI 300-124(L)-M

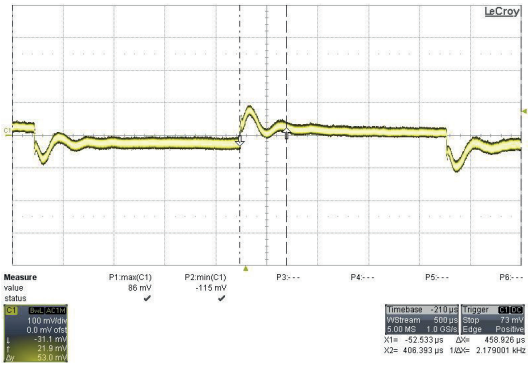
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



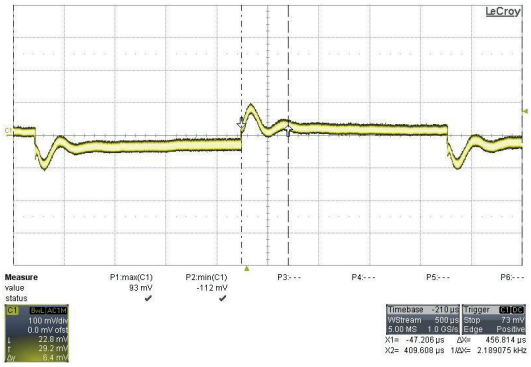
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

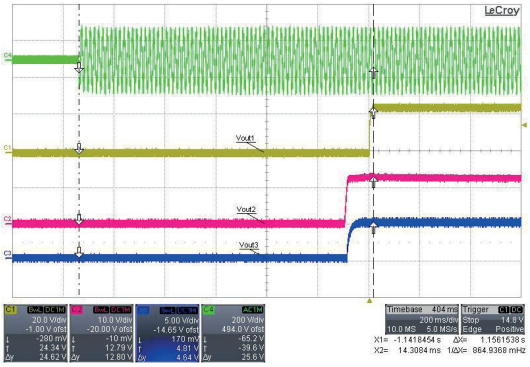


Transient Response to Dynamic Load Change (25%)
at 230 Vin

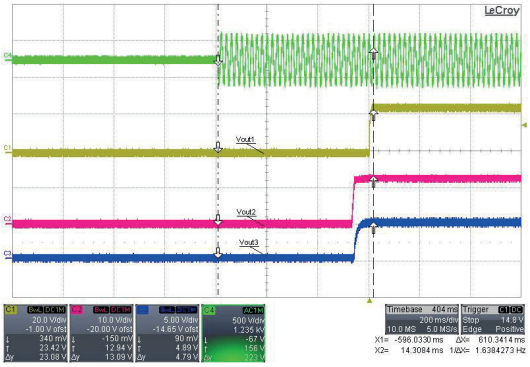


TPI 300-124(L)-M

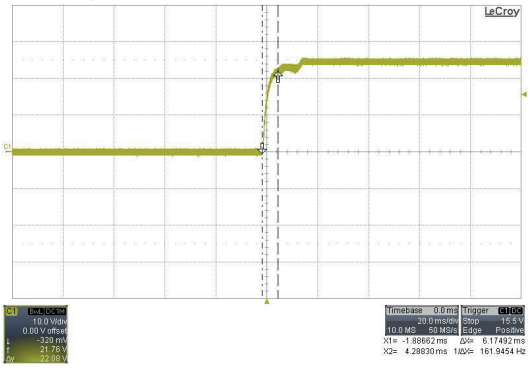
Typical Input-Start-Up Characteristic at 115 Vin



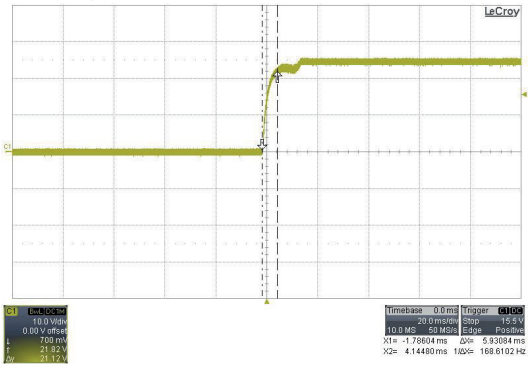
Typical Input-Start-Up Characteristic at 230 Vin



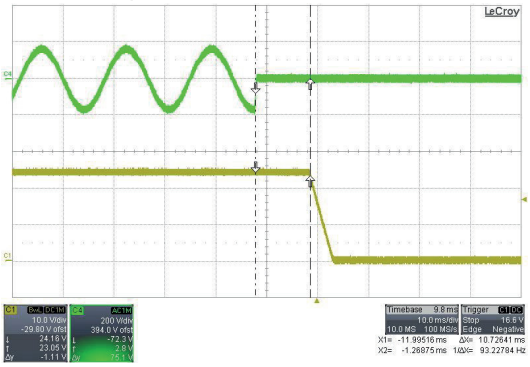
Typcial Output Rise Characteristic at 115 Vin



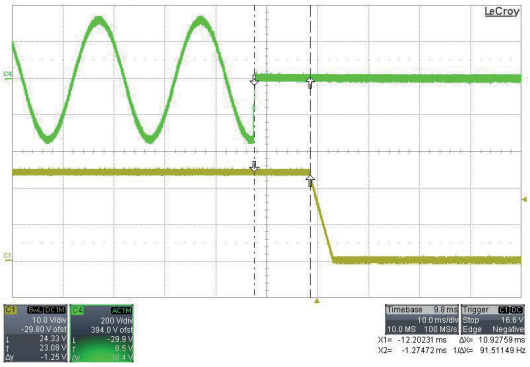
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W

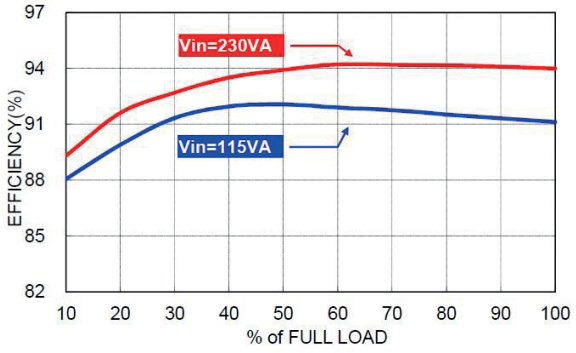


Typical Hold-Up Characteristic at 230 Vin / 225 W

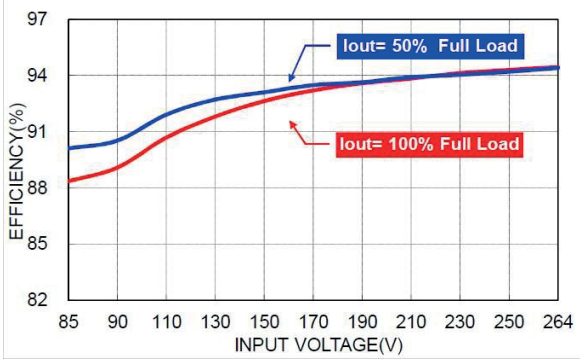


On demand model with 28 Vout

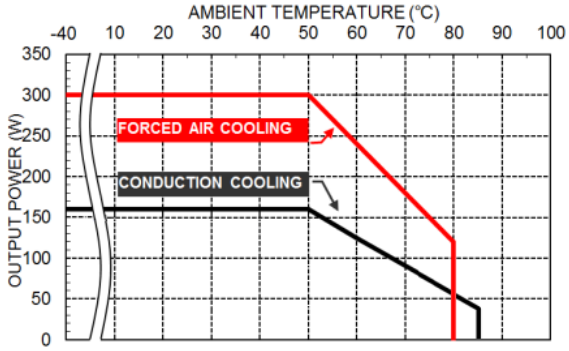
Efficiency versus Output Load



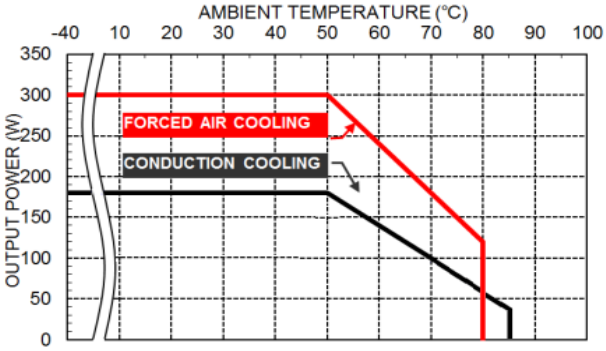
Efficiency versus Input Voltage



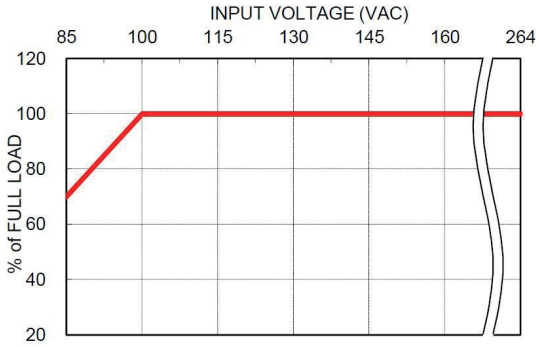
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

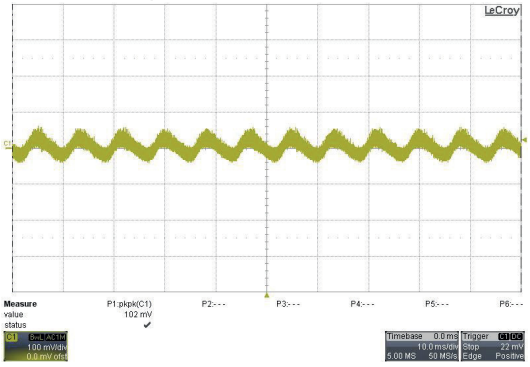


Derating Output vs Input Voltage

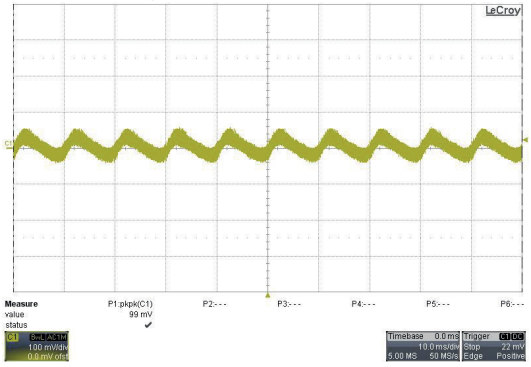


On demand model with 28 Vout

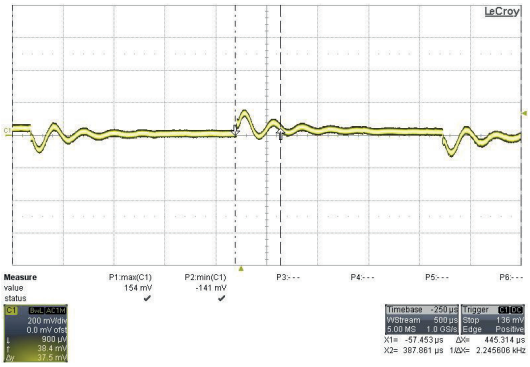
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



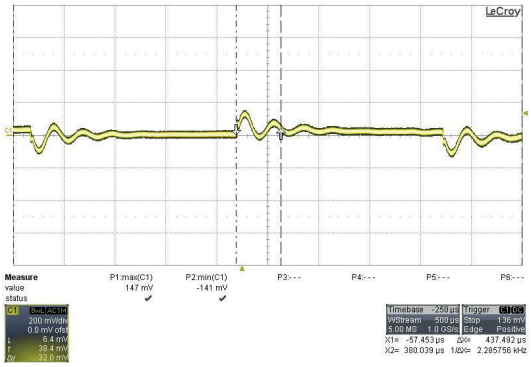
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

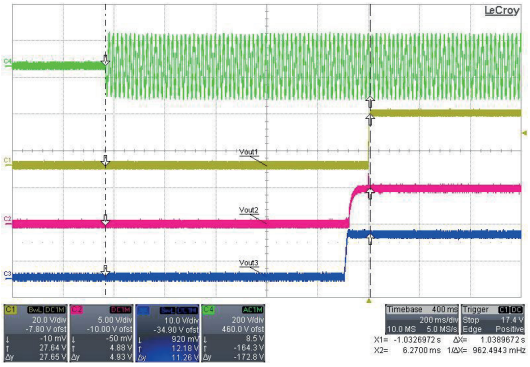


Transient Response to Dynamic Load Change (25%)
at 230 Vin

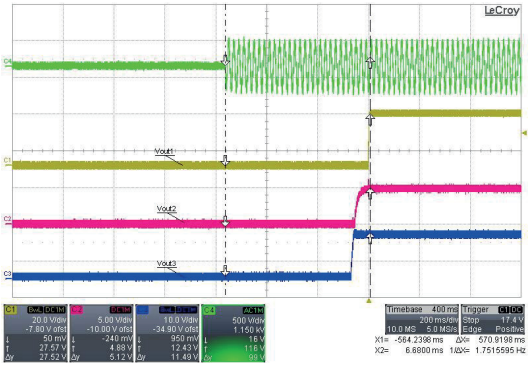


On demand model with 28 Vout

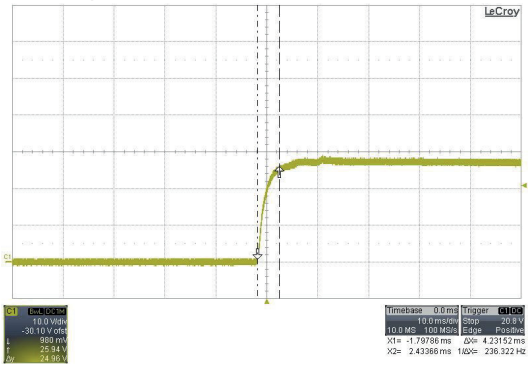
Typical Input-Start-Up Characteristic at 115 Vin



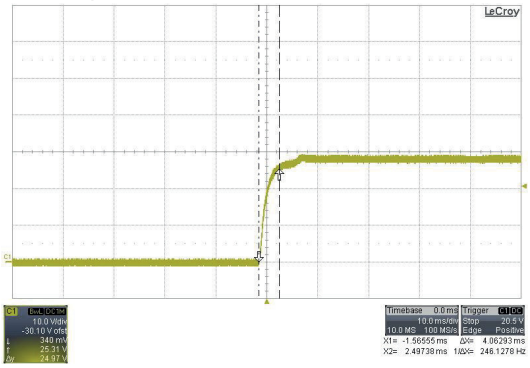
Typical Input-Start-Up Characteristic at 230 Vin



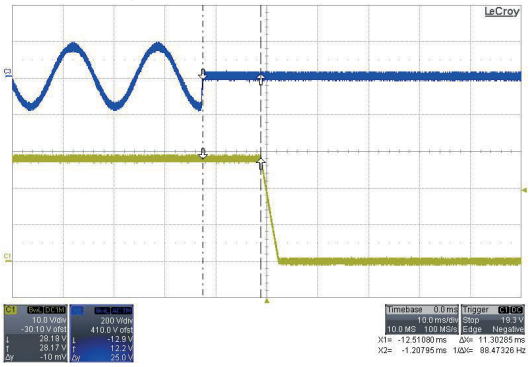
Typcial Output Rise Characteristic at 115 Vin



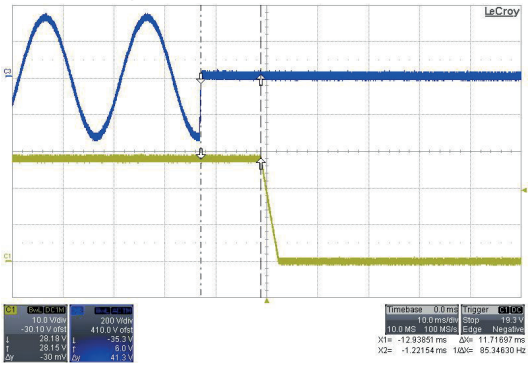
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W

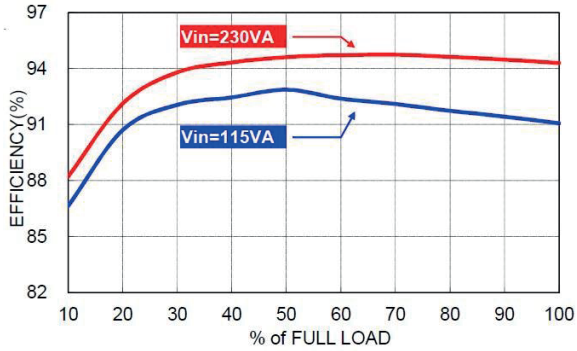


Typical Hold-Up Characteristic at 230 Vin / 225 W

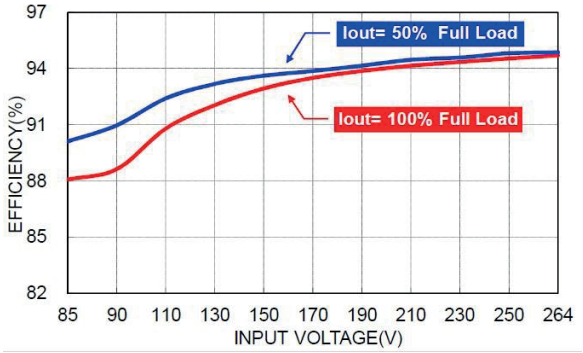


TPI 300-136(L)-M

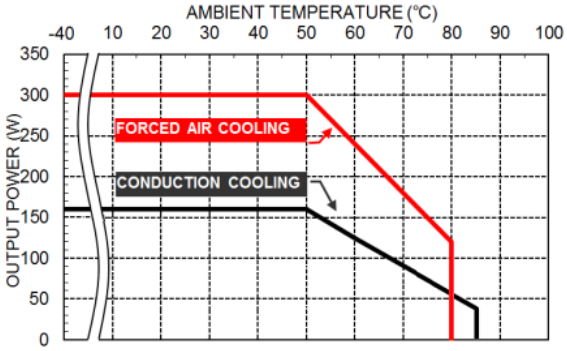
Efficiency versus Output Load



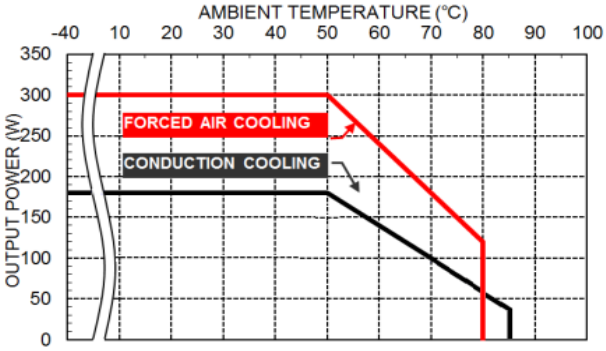
Efficiency versus Input Voltage



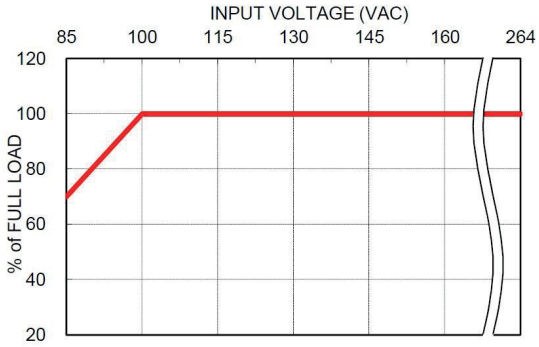
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

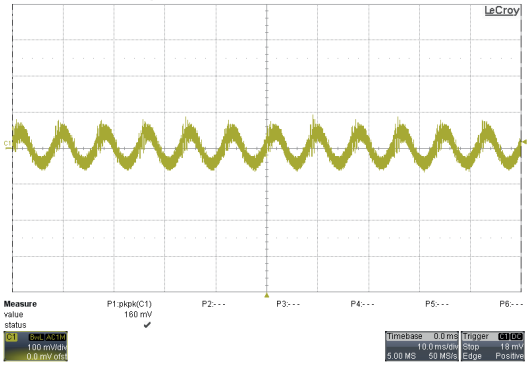


Derating Output vs Input Voltage

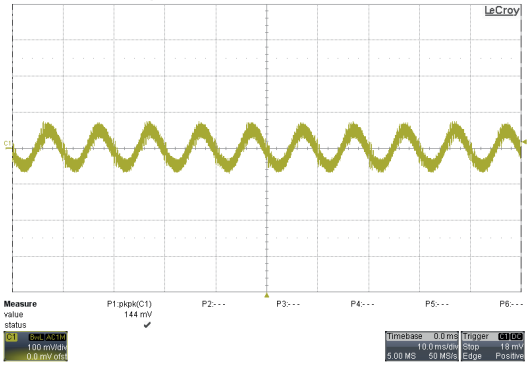


TPI 300-136(L)-M

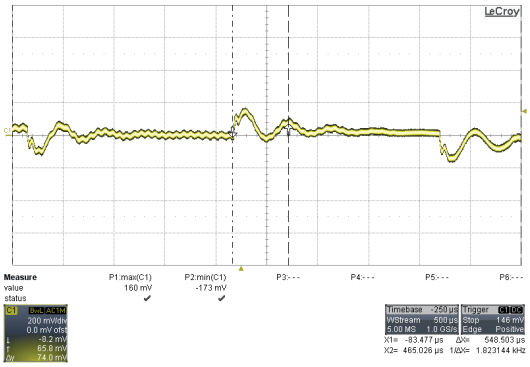
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



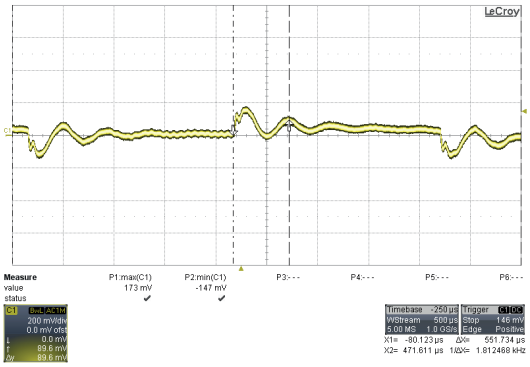
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

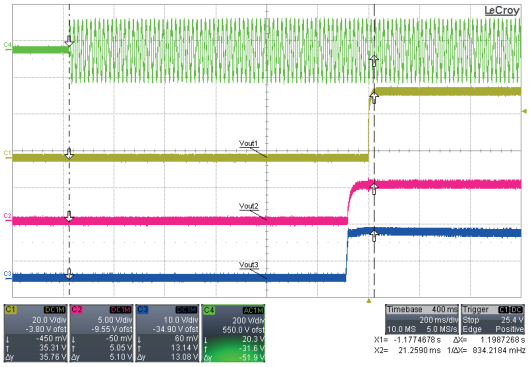


Transient Response to Dynamic Load Change (25%)
at 230 Vin

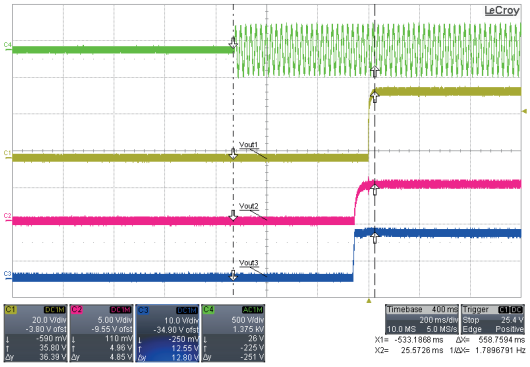


TPI 300-136(L)-M

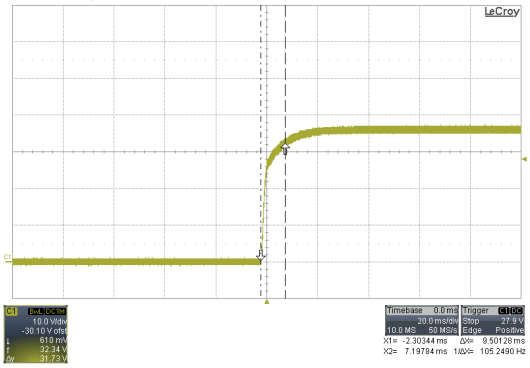
Typical Input-Start-Up Characteristic at 115 Vin



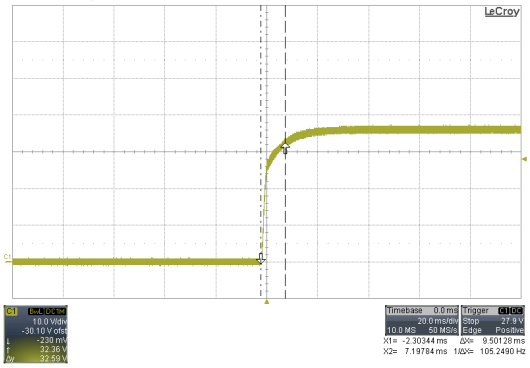
Typical Input-Start-Up Characteristic at 230 Vin



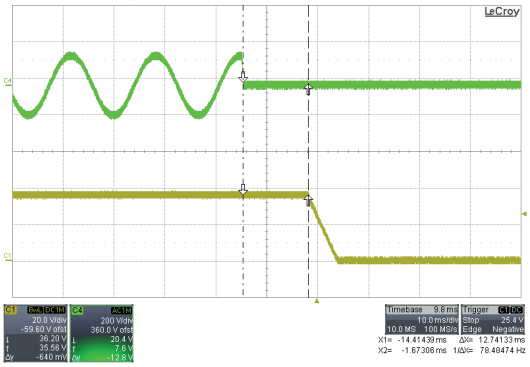
Typcial Output Rise Characteristic at 115 Vin



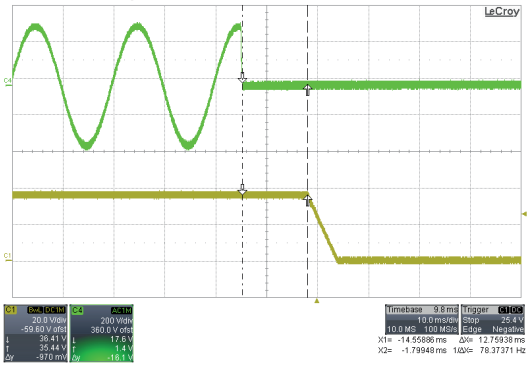
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W

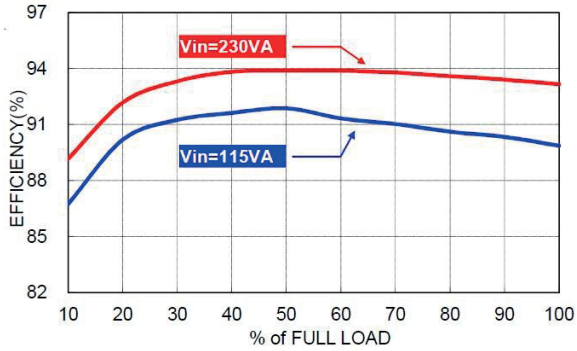


Typical Hold-Up Characteristic at 230 Vin / 225 W

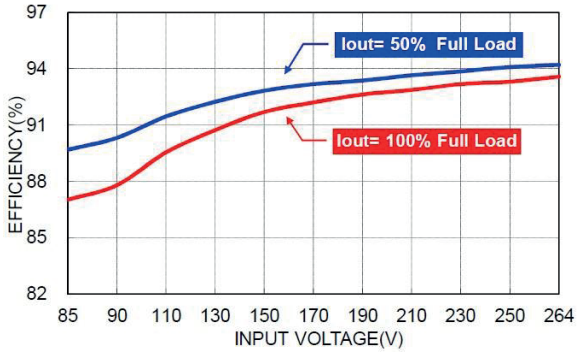


TPI 300-148(L)-M

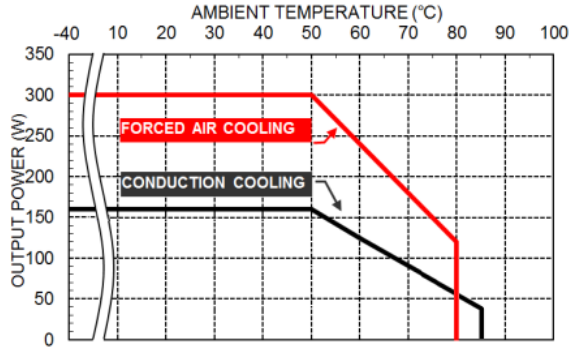
Efficiency versus Output Load



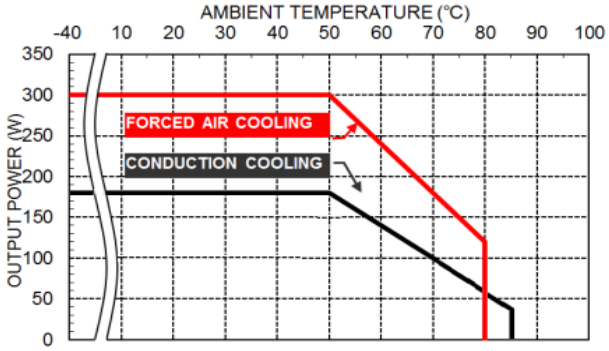
Efficiency versus Input Voltage



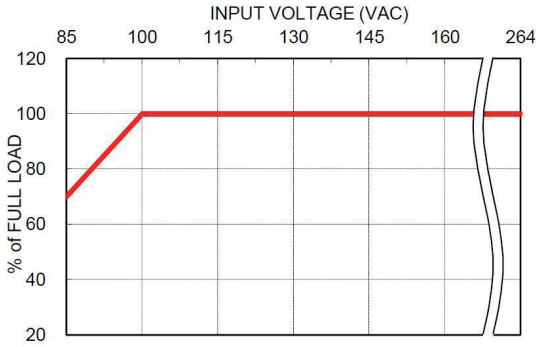
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

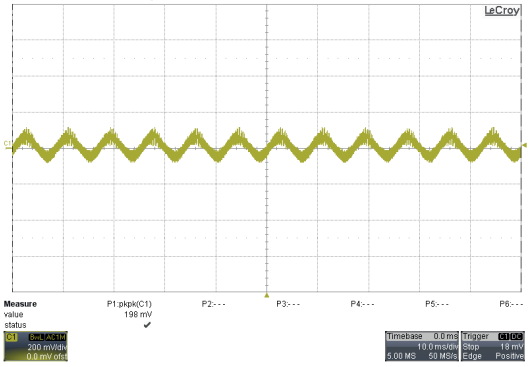


Derating Output vs Input Voltage

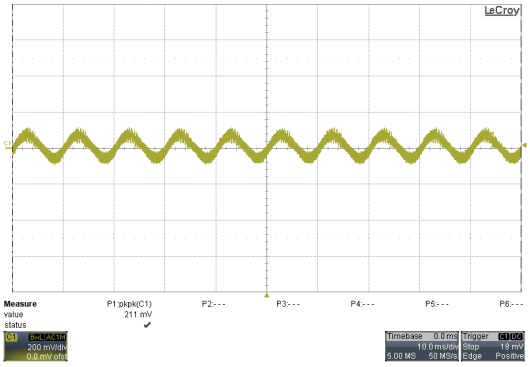


TPI 300-148(L)-M

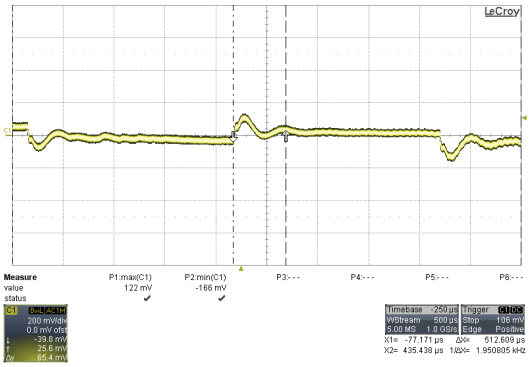
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



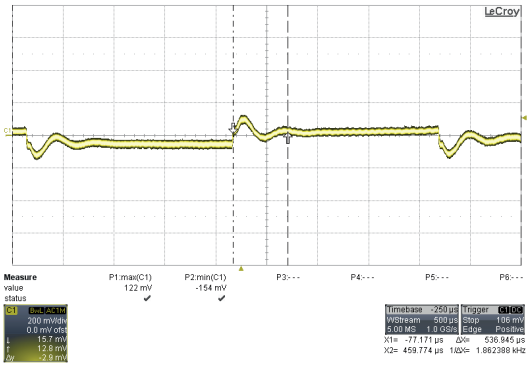
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

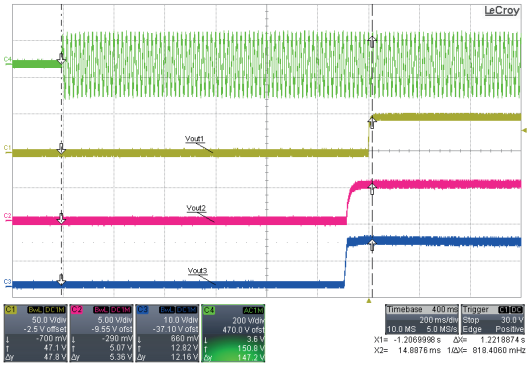


Transient Response to Dynamic Load Change (25%)
at 230 Vin

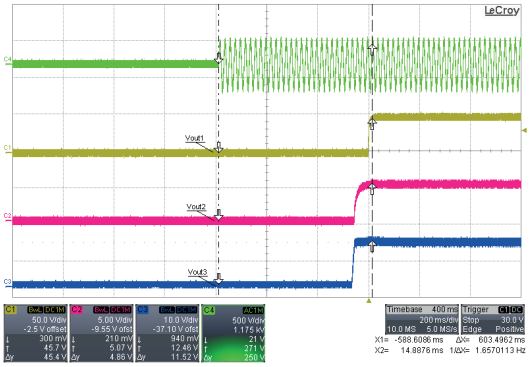


TPI 300-148(L)-M

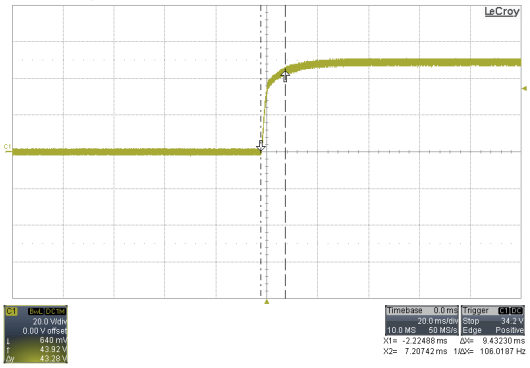
Typical Input-Start-Up Characteristic at 115 Vin



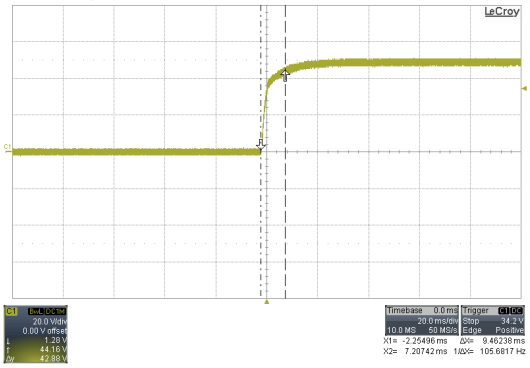
Typical Input-Start-Up Characteristic at 230 Vin



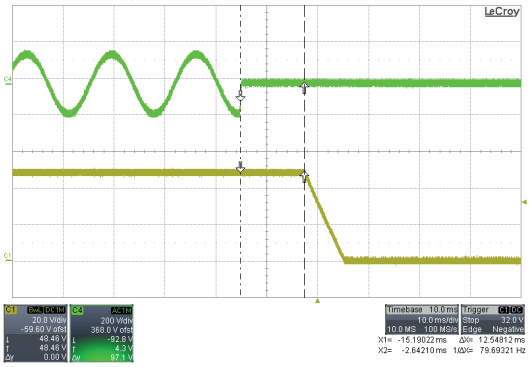
Typcial Output Rise Characteristic at 115 Vin



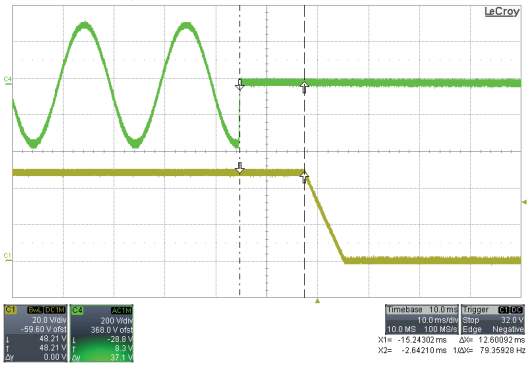
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W

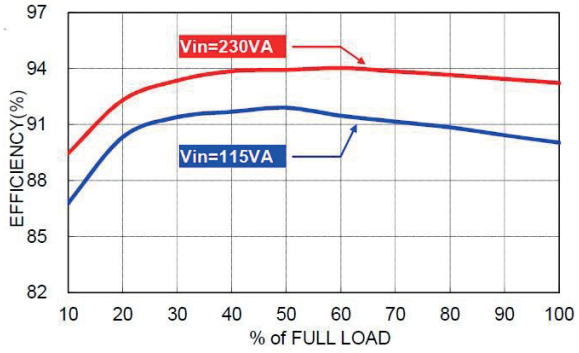


Typical Hold-Up Characteristic at 230 Vin / 225 W

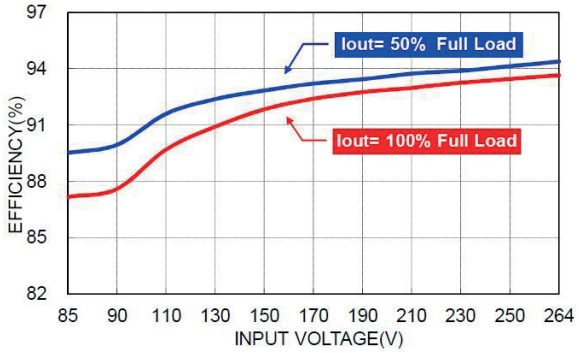


TPI 300-153(L)-M

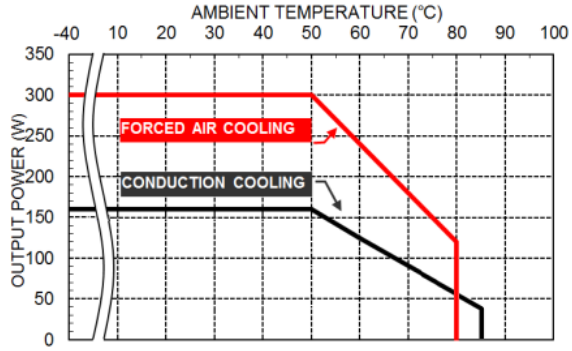
Efficiency versus Output Load



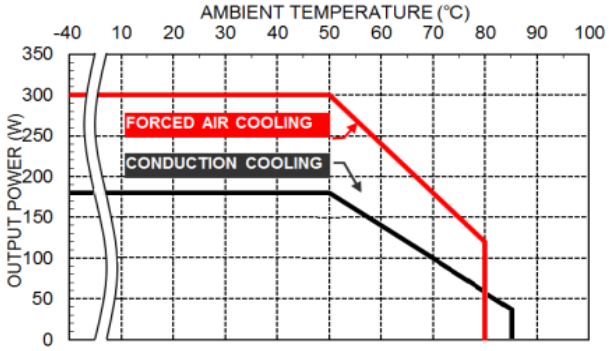
Efficiency versus Input Voltage



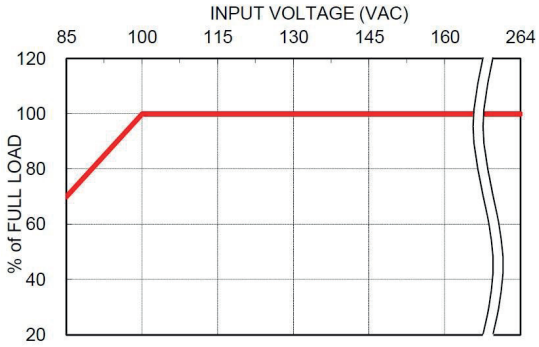
Derating Output Load versus Ambient Temperature at 115 Vin



Derating Output Load versus Ambient Temperature at 230 Vin

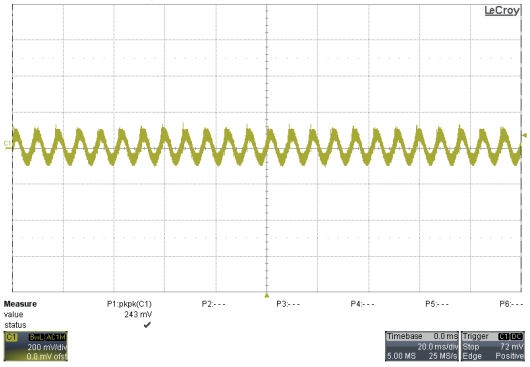


Derating Output vs Input Voltage

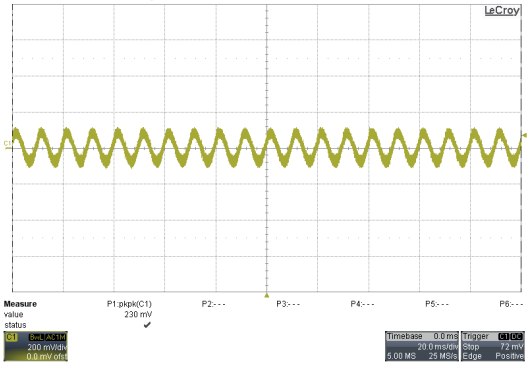


TPI 300-153(L)-M

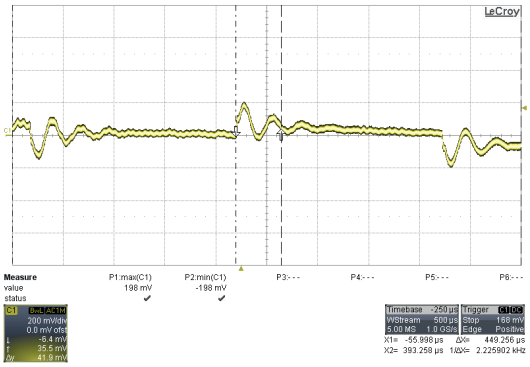
Typical Output Ripple and Noise at 115 Vin
(with external capacitor; see datasheet)



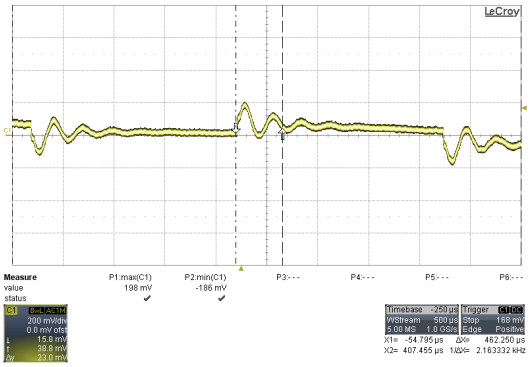
Typical Output Ripple and Noise at 230 Vin
(with external capacitor; see datasheet)



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

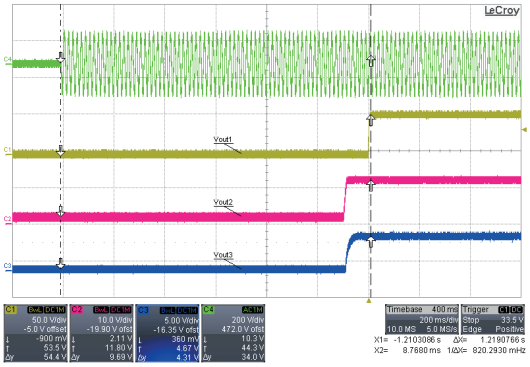


Transient Response to Dynamic Load Change (25%)
at 230 Vin

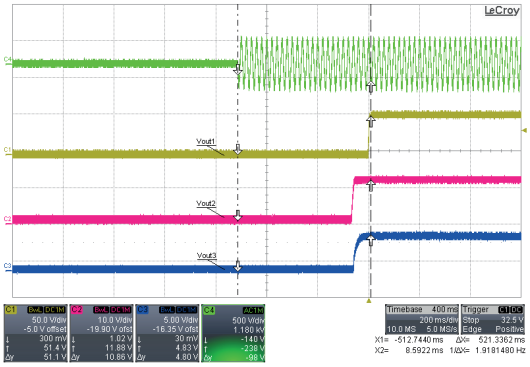


TPI 300-153(L)-M

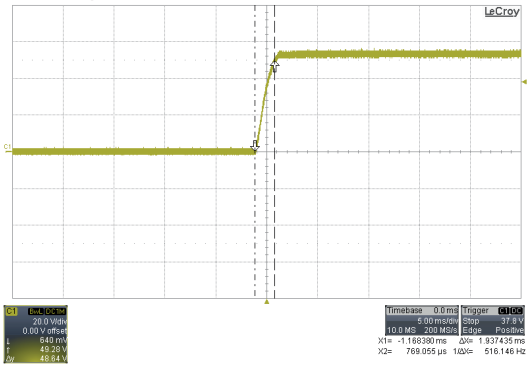
Typical Input-Start-Up Characteristic at 115 Vin



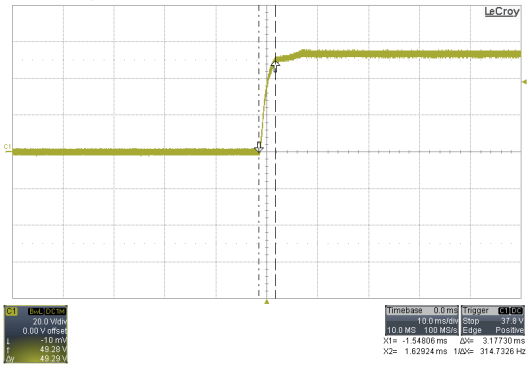
Typical Input-Start-Up Characteristic at 230 Vin



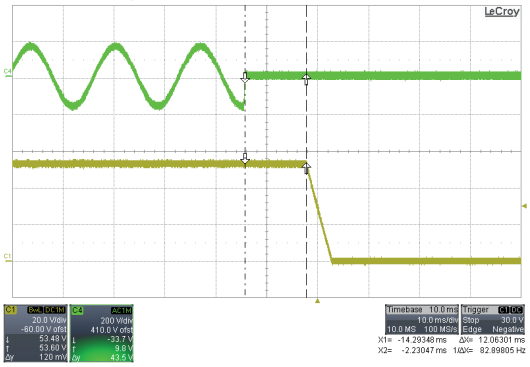
Typcial Output Rise Characteristic at 115 Vin



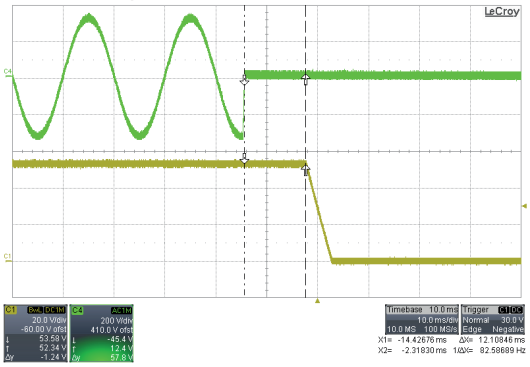
Typcial Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin / 225 W



Typical Hold-Up Characteristic at 230 Vin / 225 W



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