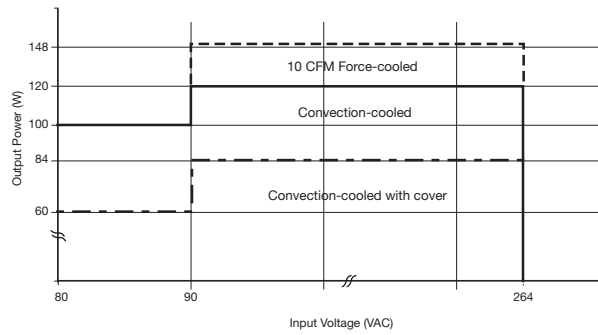


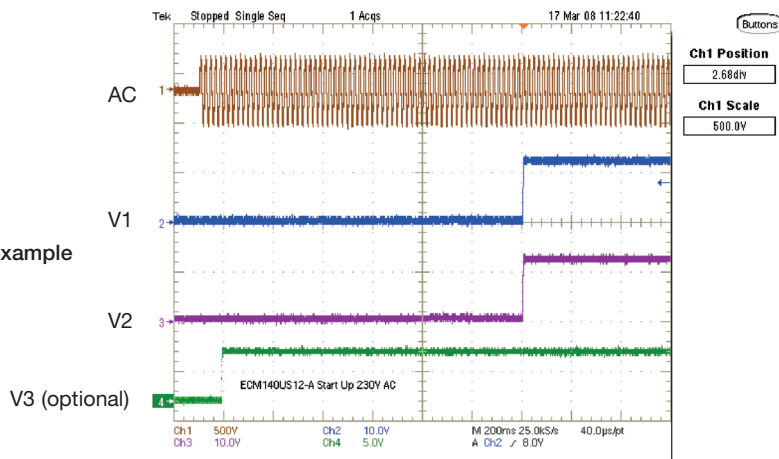
Input Voltage Derating

Figure 1



Start Up Delay From AC Turn On

Figure 2
V1, V2 & V3 start up example from AC turn on



Hold Up Time From Loss of AC

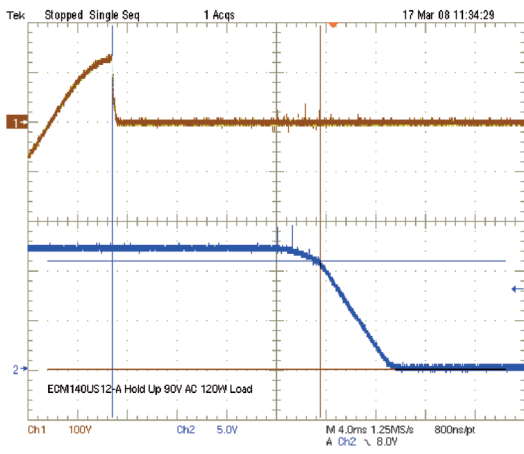


Figure 3
V1 hold up example at 120 W load with 90 VAC input (16.7 ms)

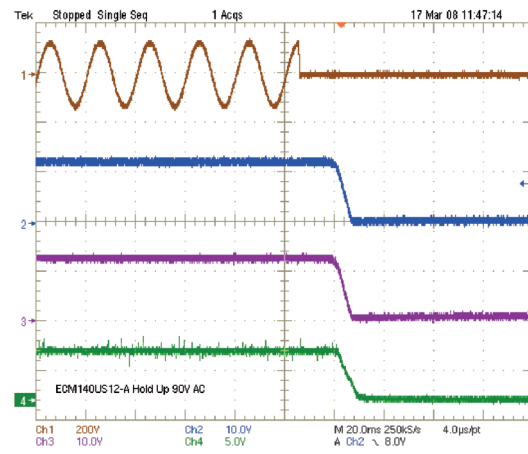


Figure 4
V1, V2 & V3 hold up example at 120 W load 90 VAC input

Output Overshoot

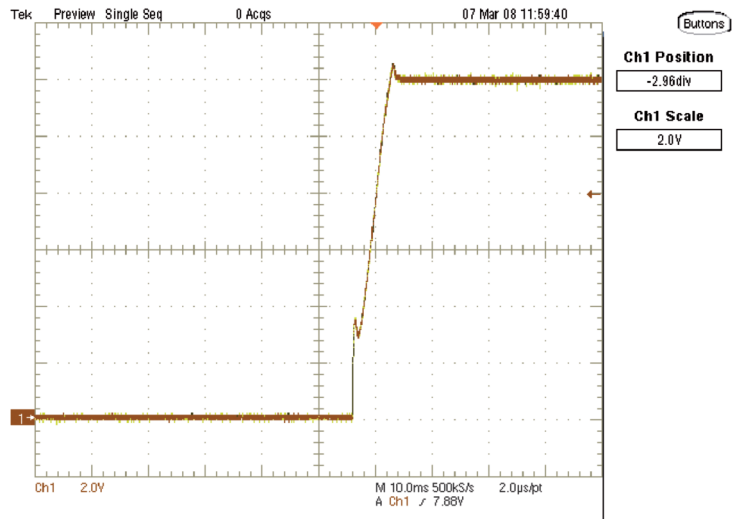


Figure 5
Typical Output Overshoot
(ECM140US12 shown)

Output Ripple & Noise

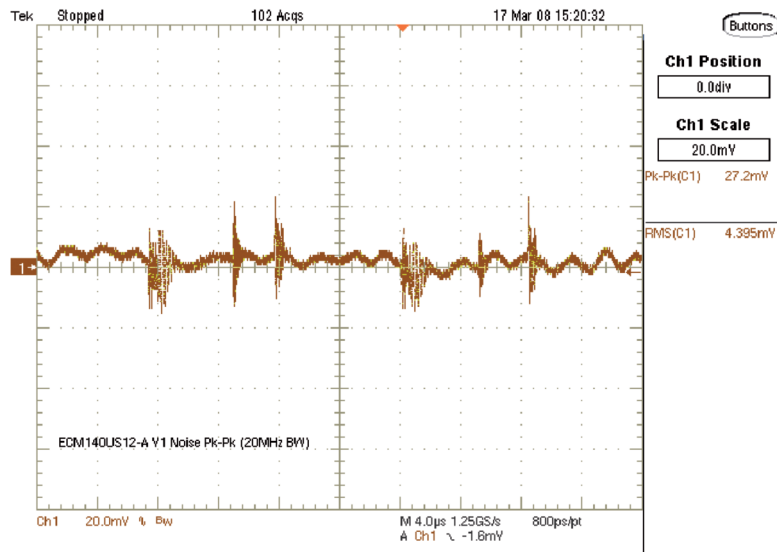


Figure 6
V1 ECM140US12 (full load)
27 mV pk-pk ripple. 20 MHz BW