Efficiency Vs Load

Figure 2
12 V Models

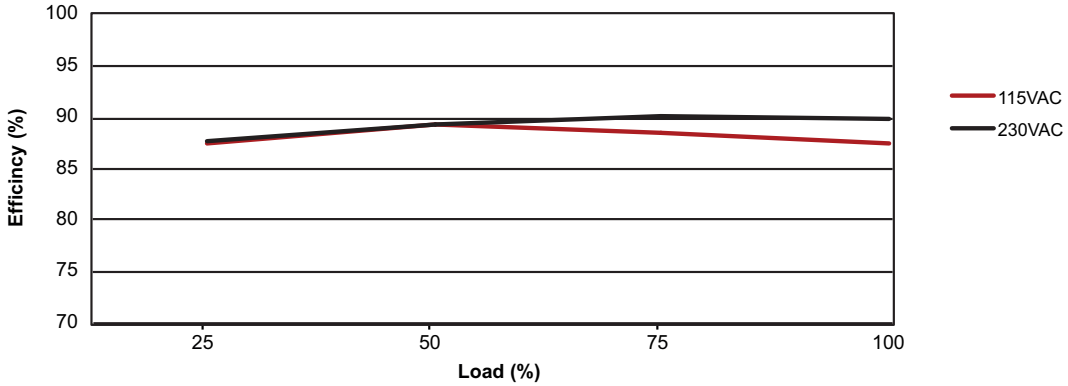


Figure 3
24 V Models

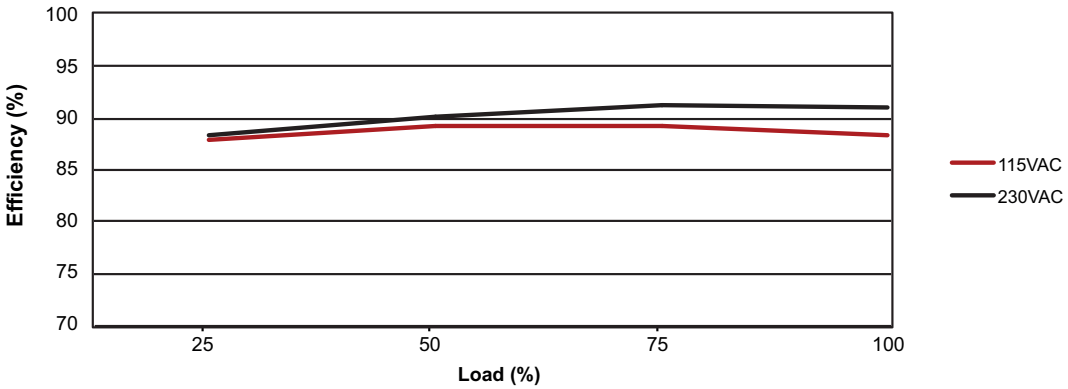
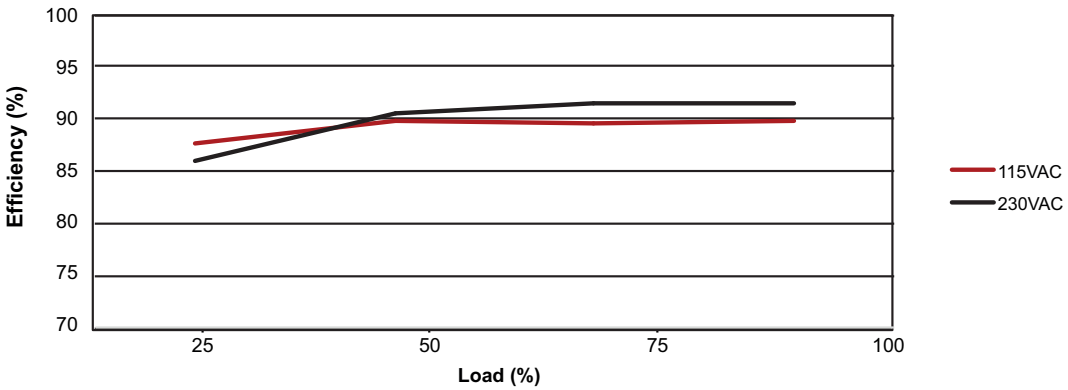


Figure 4
48 V Models

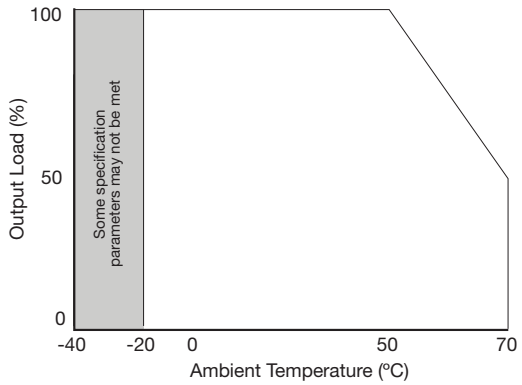


Environmental

Characteristic	Minimum	Typical	Maximum	Units	Notes & Conditions
Operating Temperature	-40		+70	°C	Derate linearly above 50 °C to 50% of rated power at 70 °C, see fig 5
Storage Temperature	-40		+85	°C	
Operating Humidity	5		95	%	RH, non-condensing
Storage Humidity	5		95	%	RH, non-condensing
Shock	±3 x 30 g shocks in each plane, total 18 shocks. 30 g = 11 ms (±0.5 ms), half sine. Conforms to EN60068-2-27 & EN60068-2-47				
Vibration	Single axis 10-500 Hz at 2 g sweep and endurance at resonance in all 3 planes. Conforms to EN60068-2-6				

Thermal Derating Curve

Figure 5

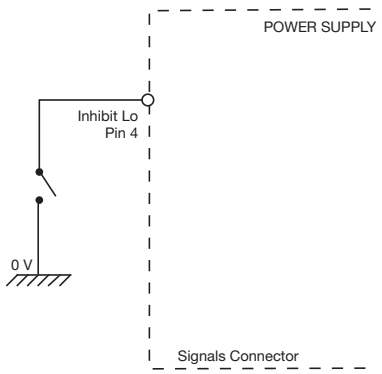


Signals & Controls

Characteristic		Notes & Conditions
Remote Sense		Compensates for 0.5 V total voltage drop
Remote On/Off	Inhibit	The inhibit lo (pin 4), should be pulled below 0.4 V to switch V1 & Vfan off. Open circuit or >4 V to switch on (see fig. 6)
	Enable	With the inhibit lo (pin 4) pulled low as detailed above, connecting inhibit hi (pin 5) to inhibit lo (pin 4) will enable V1 & V fan output. (see fig. 7)

Remote On/Off (Inhibit)

Figure 6



Remote On/Off (Enable)

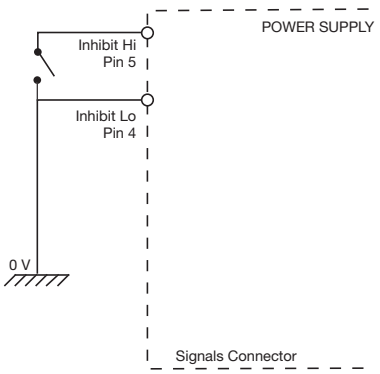



Figure 7