



PMF

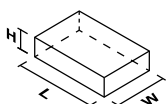
Features

- Built-in active PFC and automatic fan speed control
- Full corrosion resistant aluminium casing
- Conforms to harmonic current IEC/EN 61000-3-2, Class D
- Remote ON/OFF is available as an option
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections
- Certified according to IEC/EN/UL 62368-1

Specifications

OUTPUT		PMF-4V320WC□□	PMF-5V320WC□□	PMF-24V240WC□□	PMF-24V320WC□□
Output Voltage		4.2V	5V	24V	24V
Output Voltage Range		3.78-4.62V	4.50-5.50V	21.6-26.4V	21.6-26.4V
Output Current		55.0A	55.0A	10.0A	13.3A
Output Power		231W	275W	240W	320W
PARD (20MHz)		< 150mVpp			
Hold-up Time	115Vac	16ms typ.	16ms typ.	20ms typ.	20ms typ.
	230Vac				
INPUT					
Phase Input		Single Phase			
Input Voltage Range		85-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	5.0A typ.	5.0A typ.	3.6A typ.	5.0A typ.
	230Vac	2.5A typ.	2.5A typ.	1.8A typ.	2.5A typ.
Efficiency ¹⁾ at 100% Load	230Vac	76.5% typ.	78.5% typ.	87.0% typ.	87.0% typ.
Max Inrush Current (Cold Start)	115Vac	20A typ.	20A typ.	30A typ.	20A typ.
	230Vac	40A typ.	40A typ.	60A typ.	40A typ.
Power Factor	115Vac	0.97 typ.	0.98 typ.	0.99 typ.	0.98 typ.
	230Vac	0.94 typ.	0.95 typ.	0.95 typ.	0.95 typ.
Leakage Current	240Vac	< 1mA	< 1mA	< 0.5mA	< 1mA
MECHANICAL					
Case Cover / Chassis		Aluminium			
Dimensions (L × W × H)	mm	215 × 115 × 50	215 × 115 × 50	190 × 93 × 50	215 × 115 × 50
	inch	8.46 × 4.53 × 1.97	8.46 × 4.53 × 1.97	7.48 × 3.66 × 1.97	8.46 × 4.53 × 1.97
Unit Weight	kg	0.86	0.86	0.66	0.84
	lb	1.90	1.90	1.46	1.85
Cooling System		Forced Air (Built-in Fan)			
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ³⁾		-10°C to +70°C			
Storage Temperature		-20°C to +85°C			
Operating Humidity		5 to 95% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)			

Dimensions Reference



Notes

- 1) At 25°C ambient temperature by vertical mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100Vac, O/P: 100% load, Ta: 35°C). MTBF calculations do not include fan life time.
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.