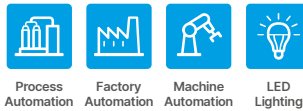


PMF (4.2 V, 5 V, 24 V)

- Built-in active PFC and automatic fan speed control
- Full corrosion resistant aluminium casing
- Remote ON/OFF is available as an option
- Overvoltage / Overcurrent / Over Temperature / Short Circuit Protections

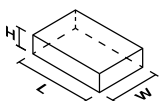


Applications



Output		PMF-4V320WC□□	PMF-5V320WC□□	PMF-24V240WC□□	PMF-24V320WC□□
Output Voltage		4.2 V	5 V	24 V	24 V
Output Voltage Range		3.78-4.62 V	4.50-5.50 V	21.6-26.4 V	21.6-26.4 V
Output Current		55.0 A	55.0 A	10.0 A	13.3 A
Output Power		231 W	275 W	240 W	320 W
PARD (20MHz)		< 150mVpp			
Hold-up Time	115 V _{AC}	16 ms typ.		20 ms typ.	
	230 V _{AC}				
Input					
Phase Input		Single Phase			
Input Voltage Range		85-264 V _{AC}			
Input Frequency		47-63 Hz			
Input Current	115 V _{AC}	5.0 A typ.	5.0 A typ.	3.6 A typ.	5.0 A typ.
	230 V _{AC}	2.5 A typ.	2.5 A typ.	1.8 A typ.	2.5 A typ.
Efficiency ¹⁾ at 100% Load	230 V _{AC}	76.5% typ.	78.5% typ.	87.0% typ.	
Max Inrush Current (Cold Start)	115 V _{AC}	20 A typ.	30 A typ.	35 A typ.	20 A typ.
	230 V _{AC}	40 A typ.	50 A typ.	60 A typ.	40 A typ.
Power Factor	115 V _{AC}	0.97 typ.	0.98 typ.	0.99 typ.	0.98 typ.
	230 V _{AC}	0.94 typ.	0.95 typ.	0.95 typ.	0.95 typ.
Leakage Current	240 V _{AC}	< 1mA		< 0.6mA	< 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			
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 16,400ft)			

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: 100 V_{AC}, 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.