

4.2V Output



PMR

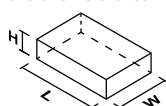
Features

- Full corrosion resistant aluminium casing
- Built-in active PFC and conforms to harmonic current IEC/EN 61000-3-2, Class A and Class D
- Low profile design for 1U installation
- Built-in DC OK relay contact and redundancy operation (PMR-4V320WDBA and PMR-4V320WDCA)

Specifications

OUTPUT	PMR-4V320WC□A	PMR-4V320WDAA	PMR-4V320WDGA	PMR-4V320WDBA	PMR-4V320WDCA	
Output Voltage	4.2V	4.2V	4.2V	4.2V	4.2V	
Output Voltage Range	3.78-4.62V	3.78-4.62V	3.78-4.62V	3.99-4.51V (No potentiometer)	3.99-4.51V (No potentiometer)	
Output Current	60.0A	60.0A	60.0A	60.0A	60.0A	
Output Power	252W	252W	252W	252W	252W	
PARD (20MHz)	< 150mVpp					
Hold-up Time	8ms typ.	8ms typ.	8ms typ.	8ms typ.	8ms typ.	
INPUT						
Phase Input	Single Phase					
Input Voltage Range	88-264Vac					
Input Frequency	47-63Hz					
Input Current	115Vac	3.0A typ.	4.5A typ.	4.5A typ.	4.5A typ.	4.5A typ.
	230Vac	1.5A typ.	2.5A typ.	2.5A typ.	2.5A typ.	2.5A typ.
Efficiency ¹⁾ at 100% Load	115Vac	80.5% typ.	84.5% typ.	84.5% typ.	84.0% typ.	84.0% typ.
	230Vac	83.5% typ.	86.5% typ.	86.5% typ.	86.0% typ.	86.0% typ.
Max Inrush Current (Cold Start)	115Vac	20A typ.	20A typ.	20A typ.	20A typ.	20A typ.
	230Vac	40A typ.	40A typ.	40A typ.	40A typ.	40A typ.
Power Factor	115Vac	0.98 typ.	0.98 typ.	0.98 typ.	0.98 typ.	0.98 typ.
	230Vac	0.95 typ.	0.95 typ.	0.95 typ.	0.95 typ.	0.95 typ.
Leakage Current	240Vac	< 0.5mA	< 1mA	< 1mA	< 1mA	< 1mA
MECHANICAL						
Case Cover / Chassis	Aluminium					
Dimensions (L × W × H)	mm	215 × 115 × 30	215 × 115 × 30	215 × 115 × 30	215 × 115 × 30	215 × 115 × 30
	inch	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18
Unit Weight	kg	0.76	0.86	0.86	0.86	0.86
	lb	1.68	1.90	1.90	1.90	1.90
Cooling System	Forced Air (Built-in Fan)		Convection			
MTBF ²⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	
ENVIRONMENT						
Operating Temperature ³⁾	-10°C to +70°C	-20°C to +70°C				
Storage Temperature	-40°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). For PMR-4V320WC□A, MTBF calculation does 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.



PMR

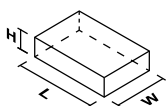
Features

- Full corrosion resistant aluminium casing
- Built-in active PFC and conforms to harmonic current IEC/EN 61000-3-2, Class A and Class D
- Low profile design for 1U installation
- Built-in DC OK relay contact and redundancy operation (PMR-5V320WDBA and PMR-5V320WDCA)

Specifications

OUTPUT	PMR-5V320WC□A	PMR-5V320WDAA	PMR-5V320WDGA	PMR-5V320WDBA	PMR-5V320WDCA	
Output Voltage	5V	5V	5V	5V	5V	
Output Voltage Range	4.50-5.50V	4.50-5.50V	4.50V-5.50V	4.75-5.25V (No potentiometer)	4.75-5.25V (No potentiometer)	
Output Current	60.0A	60.0A	60.0A	60.0A	60.0A	
Output Power	300W	300W	300W	300W	300W	
PARD (20MHz)	< 150mVpp					
Hold-up Time	8ms typ.					
INPUT						
Phase Input	Single Phase					
Input Voltage Range	88-264Vac					
Input Frequency	47-63Hz					
Input Current	115Vac	4.5A typ.	5.0A typ.	5.0A typ.	5.0A typ.	
	230Vac	2.5A typ.	2.5A typ.	2.5A typ.	2.5A typ.	
Efficiency ¹⁾ at 100% Load	115Vac	81.0% typ.	86.0% typ.	86.0% typ.	85.0% typ.	
	230Vac	84.0% typ.	88.0% typ.	88.0% typ.	87.0% typ.	
Max Inrush Current (Cold Start)	115Vac	20A typ.	20A typ.	20A typ.	20A typ.	
	230Vac	40A typ.	40A typ.	40A typ.	40A typ.	
Power Factor	115Vac	0.98 typ.	0.98 typ.	0.98 typ.	0.98 typ.	
	230Vac	0.95 typ.	0.95 typ.	0.95 typ.	0.95 typ.	
Leakage Current	240Vac	< 0.5mA	< 1mA	< 1mA	< 1mA	
MECHANICAL						
Case Cover / Chassis	Aluminium					
Dimensions (L × W × H)	mm	215 × 115 × 30	215 × 115 × 30	215 × 115 × 30	215 × 115 × 30	215 × 115 × 30
	inch	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18	8.46 × 4.53 × 1.18
Unit Weight	kg	0.76	0.86	0.86	0.86	0.86
	lb	1.68	1.90	1.90	1.90	1.90
Cooling System	Forced Air (Built-in Fan)			Convection		
MTBF ²⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	
ENVIRONMENT						
Operating Temperature ³⁾	-10°C to +70°C	-20°C to +70°C				
Storage Temperature	-40°C to +85°C					
Operating Humidity	5 to 95% RH (Non-Condensing)					
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