

## PMH

### Features

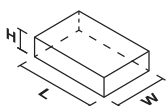
- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- Universal AC input voltage range
- Full power from -20°C to +50°C operation
- Full corrosion resistant aluminium casing
- High MTBF > 700,000 hrs per Telcordia SR-332
- Also available: IP20, Front Face and Harness connectors



### Specifications

OUTPUT	PMH-24V50WCA□	PMH-24V100WCA□	PMH-24V100WCC□	PMH-24V100WCN□
Output Voltage	24V	24V	24V	24V
Output Voltage Range	22-28V	22-28V	22-28V	22-24V
Output Current	0-2.1A	0-4.16A	0-4.16A	0-3.8A
Output Power	50W	100W	100W	91.2W
PARD (20MHz) <sup>1)</sup>	< 100mVpp @ -20°C to 70°C < 150mVpp @ < -20°C to -30°C		< 100mVpp	
Hold-up Time (100% Load)	115Vac	> 15ms	> 15ms	> 15ms
	230Vac	> 90ms	> 100ms	> 100ms
<b>INPUT</b>				
Phase Input	Single Phase			
Input Voltage Range	85-264Vac (DC input range 120-375Vdc) <sup>2)</sup>			
Input Frequency	47-63Hz			
Input Current	115Vac	< 0.94A	< 1.90A	< 1.90A
	230Vac	< 0.59A	< 1.10A	< 1.00A
Efficiency <sup>3)</sup> at 100% Load	115Vac	> 87.0%	> 87.0%	> 87.0%
	230Vac	> 88.0%	> 89.0%	> 88.5%
Max Inrush Current (Cold Start)	115Vac	< 35A	< 50A	< 50A
	230Vac	< 70A	< 100A	< 100A
Power Factor	Conform to EN 61000-3-2			
Leakage Current	240Vac	-	< 1.2mA	< 0.5mA
	264Vac	< 0.5mA	-	< 0.75mA
<b>MECHANICAL</b>				
Case Cover / Chassis	Aluminium			
Dimensions (L × W × H)	mm	98 × 97 × 38	158 × 97 × 38	158 × 97 × 38
	inch	3.86 × 3.82 × 1.50	6.22 × 3.82 × 1.50	6.22 × 3.82 × 1.50
Unit Weight	kg	0.21	0.43	0.43
	lb	0.46	0.95	0.95
Cooling System	Convection			
MTBF <sup>4)</sup>	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
<b>ENVIRONMENT</b>				
Operating Temperature <sup>5)</sup>	-30°C to +70°C			
Storage Temperature	-30°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) PARD is measured with an AC coupling mode, 5cm wires, and in parallel with 0.1µF ceramic capacitor & 47µF electrolytic capacitor.
- 2) All models are certified for DC input.
- 3) At 25°C ambient temperature by vertical mounting orientation.
- 4) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 115Vac, O/P: 100% load) for vertical mounting orientation.
- 5) Refer power de-rating in the product datasheet.
- 6) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

# PMH

## Features

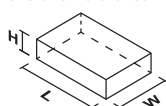
- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- Universal AC input voltage range
- Full power from -20°C to +50°C operation (except PMH-24V200WCB□)
- Full corrosion resistant aluminium casing
- High MTBF > 700,000 hrs per Telcordia SR-332
- Also available: IP20, Front Face and Harness connectors



## Specifications

OUTPUT		PMH-24V150WCB□	PMH-24V150WCD□	PMH-24V200WCB□
Output Voltage		24V	24V	24V
Output Voltage Range		22-28V	22-28V	22-28V
Output Current		0-6.25A	0-6.25A	0-8.33A
Output Power		150W	150W	200W
PARD (20MHz) <sup>1)</sup>		< 100mVpp		< 100mVpp @ -20°C to 70°C < 240mVpp @ < -20°C to -30°C
Hold-up Time (100% Load)	115Vac	> 40ms	> 40ms	> 20ms
	230Vac	> 50ms	> 50ms	
INPUT				
Phase Input		Single Phase		
Input Voltage Range		85-264Vac (DC input range 120-375Vdc) <sup>2)</sup>		
Input Frequency		47-63Hz		
Input Current	115Vac	< 1.6A	< 1.6A	< 2.2A
	230Vac	< 0.9A	< 0.9A	< 1.2A
Efficiency <sup>3)</sup> at 100% Load	115Vac	> 89.0%	> 89.0%	> 89.5%
	230Vac	> 90.5%	> 90.5%	> 91.5%
Max Inrush Current (Cold Start)	115Vac	< 30A	< 30A	< 60A
	230Vac	< 60A	< 60A	< 120A
Power Factor	115Vac	> 0.98	> 0.98	> 0.98
	230Vac	> 0.89	> 0.89	> 0.92
Leakage Current	240Vac	< 1.2mA	< 0.75mA	-
	264Vac	-	-	< 1mA
MECHANICAL				
Case Cover / Chassis		Aluminium		
Dimensions (L x W x H)	mm	178 x 97 x 38	178 x 97 x 38	190 x 97 x 38
	inch	7.01 x 3.82 x 1.50	7.01 x 3.82 x 1.50	7.48 x 3.82 x 1.50
Unit Weight	kg	0.56	0.56	0.61
	lb	1.23	1.23	1.34
Cooling System		Convection		
MTBF <sup>4)</sup>		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT				
Operating Temperature <sup>5)</sup>		-30°C to +70°C		
Storage Temperature		-30°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) PARD is measured with an AC coupling mode, 5cm wires, and in parallel with 0.1µF ceramic capacitor & 47µF electrolytic capacitor.
- 2) All models fulfill the test conditions of this range. DC input safety approval can be obtained upon request.
- 3) At 25°C ambient temperature by vertical mounting orientation.
- 4) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 115Vac, O/P: 100% load) for vertical mounting orientation.
- 5) Refer power de-rating in the product datasheet.
- 6) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

## PMH - Low Profile



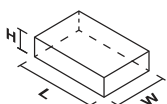
### Features

- Household appliance approvals for pollution degree 3 to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- Universal AC input voltage range
- Full corrosion resistant aluminium casing
- Low profile design for 1U installation
- Low earth leakage current < 0.75mA
- No load input power consumption < 0.5W @ 230Vac
- Full power from -25°C to +50°C operation @ 5,000 m or 16,400 ft altitude
- Also available: IP20, Front Face and Harness connectors

### Specifications

OUTPUT		PMH-12V100WCL□	PMH-12V100WCM□	PMH-24V100WCL□	PMH-24V100WCM□	PMH-24V150WCL□
Output Voltage		12V	12V	24V	24V	24V
Output Voltage Range		12-14V	11-12V	24-28V	22-24V	24-28V
Output Current		0-8.5A	0-4.5A	0-4.5A	0-3.8A	0-6.5A
Output Power		102W	54W	108W	91.2W	156W
PARD (20MHz) <sup>1)</sup>		< 120mVpp		< 150mVpp		< 200mVpp
Hold-up Time (100% Load)	115Vac	> 5ms	> 5ms	> 10ms	> 10ms	> 10ms
	230Vac	> 50ms	> 25ms	> 50ms	> 50ms	> 50ms
INPUT						
Phase Input		Single Phase				
Input Voltage Range		85-264Vac (DC input range 120-375Vdc) <sup>2)</sup>				
Input Frequency		47-63Hz				
Input Current	115Vac	< 1.9A	< 1.5A	< 1.9A	< 1.9A	< 2.8A
	230Vac	< 1.2A	< 0.8A	< 1.2A	< 1.2A	< 1.6A
Efficiency <sup>3)</sup> at 100% Load	115Vac	> 83.0%	83.0%	> 86.0%	> 86.0%	> 87.0%
	230Vac	> 85.0%		> 88.0%	> 88.0%	> 89.0%
Max Inrush Current (Cold Start)	115Vac	< 30A	< 30A	< 25A	< 25A	< 40A
	230Vac	< 60A	< 60A	< 50A	< 50A	< 80A
Power Factor		Conform to EN 61000-3-2				
Leakage Current	240Vac	< 0.75mA	< 0.75mA	< 0.75mA	< 0.75mA	< 0.75mA
MECHANICAL						
Case Cover / Chassis		Aluminium				
Dimensions (L × W × H)	mm	129 × 97 × 30	129 × 97 × 30	129 × 97 × 30	129 × 97 × 30	159 × 97 × 30
	inch	5.08 × 3.82 × 1.18	5.08 × 3.82 × 1.18	5.08 × 3.82 × 1.18	5.08 × 3.82 × 1.18	6.26 × 3.82 × 1.18
Unit Weight	kg	0.31	0.31	0.31	0.31	0.41
	lb	0.68	0.68	0.68	0.68	0.90
Cooling System		Convection				
MTBF <sup>4)</sup>		> 700,000 hrs		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT						
Operating Temperature <sup>5)</sup>		-30°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) PARD is measured with an AC coupling mode, 5cm wires, and in parallel with 0.1µF ceramic capacitor & 47µF electrolytic capacitor.
- 2) All models fulfill the test conditions of this range. DC input safety approval can be obtained upon request.
- 3) At 25°C ambient temperature by vertical mounting orientation.
- 4) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 115Vac, O/P: 100% load) for vertical mounting orientation.
- 5) Refer power de-rating in the product datasheet.
- 6) All parameters are specified at 25°C ambient temperature unless otherwise indicated.