



# PMT

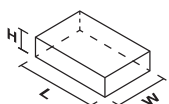
## HIGHLIGHTS & FEATURES

- AC input voltage range selectable by switch
- Conforms to harmonic current IEC/EN 61000-3-2, Class A for selected models
- High MTBF > 700,000 hrs per Telcordia SR-332
- Short Circuit / Overvoltage / Overload / Over Temperature Protections
- Versatile configuration options:
  - L Frame
  - Enclosed

## GENERAL SPECIFICATIONS

OUTPUT	PMT-36V350W1A□	PM□-48V150W1A□	PMT-48V350W1A□	PM□-D1V100W1A□	PM□-D2V100W1A□
Output Voltage	36V	48V	48V	V1: 12V, V2: 5V	V1: 24V, V2: 5V
Output Voltage Range	32.4-39.6V	45.6-52.8V	43.2-52.8V	V1: 10.8-13.2V	V1: 21.6-26.4V
Output Current	9.7A	3.3A	7.3A	V1: 7.0A, V2: 3.0A	V1: 3.5A, V2: 3.0A
Output Power	349.2W	158.4W	350W	V1: 84W, V2: 15W	V1: 84W, V2: 15W
Line Regulation	< 0.5%				
Load Regulation	< 1.0%	< 0.5 %	< 1.0%	V1: < 1.0%, V2: < 2.0%	V1: < 1.0%, V2: < 2.0%
PARD (20MHz)	< 240mVpp	< 200mVpp	< 240mVpp	V1: 120mVpp, V2: 80mVpp	V1: 120mVpp, V2: 80mVpp
Hold-up Time	16ms typ. @ 115Vac, 20ms typ. @ 230Vac	20ms typ. @ 115Vac, 24ms typ. @ 230Vac	16ms typ. @ 115Vac, 20ms typ. @ 230Vac	20ms typ. @ 115Vac, 25ms typ. @ 230Vac	
<b>INPUT</b>					
Phase Input	Single Phase				
Input Voltage Range	90-132Vac, 180-264Vac (Selectable by Switch)			88-132Vac, 176-264Vac (Selectable by Switch)	
Input Frequency	47-63Hz				
Input Current	7.0A typ. @ 115Vac, 4.0A typ. @ 230Vac	3.0A typ. @ 115Vac, 2.0A typ. @ 230Vac	7.0A typ. @ 115Vac, 4.0A typ. @ 230Vac	2.0A typ. @ 115Vac, 1.2A typ. @ 230Vac	2.0A typ. @ 115Vac, 1.2A typ. @ 230Vac
Efficiency <sup>1)</sup> at 100% Load	87.5% typ. @ 230Vac	89.0% typ. @ 230Vac	87.5% typ. @ 230Vac	82.0% typ. @ 230Vac	84.0% @ 230Vac
Max Inrush Current (Cold Start)	40A typ. @ 115Vac, 60A typ. @ 230Vac	45A typ. @ 230Vac	40A typ. @ 115Vac, 60A typ. @ 230Vac	45A typ. @ 230Vac	
Power Factor	NA	Conform to EN 61000-3-2	NA	Conform to EN 61000-3-2	
Leakage Current	< 3.5mA @ 240Vac	< 0.5mA @ 240Vac	< 3.5mA @ 240Vac	< 0.25mA @ 240Vac	
<b>MECHANICAL</b>					
Case Cover / Chassis	Aluminium	SGCC / Aluminium	Aluminium	SGCC / Aluminium	
Dimensions (L x W x H)	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")
Unit Weight	0.83 kg (1.83 lb)	0.48 kg (1.06 lb)	0.83 kg (1.83 lb)	0.45 kg (0.99 lb)	0.42 kg (0.93 lb)
Cooling System	Forced Air (Built-in Fan)	Convection	Forced Air (Built-in Fan)	Convection	
MTBF <sup>2)</sup>	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
<b>ENVIRONMENT</b>					
Operating Temperature	-10°C to +70°C				
Storage Temperature	-25°C to +85°C				
Power De-rating	> 50°C (2.5% / °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 PMT-36V350W1A□ and PMT-48V350W1A□ models, MTBF calculations does not include fan life time.
- 3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.