

# PMT Panel Mount Power Supply

## 4.2V, 5V Output



# PMT

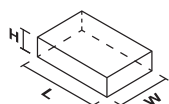
## HIGHLIGHTS & FEATURES

- AC input voltage range selectable by switch (Universal AC input voltage range for selected models)
- 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 (for 35W and 50W):
  - L Frame
  - Enclosed

## GENERAL SPECIFICATIONS

OUTPUT	PMT-4V350W1A□	PM□-5V35W1A□	PM□-5V50W1A□	PMT-5V350W1A□
Output Voltage	4.2V	5V	5V	5V
Output Voltage Range	3.78-4.70V	4.50-5.50V	4.50-5.50V	4.50-5.50V
Output Current	60.0A	7.0A	10.0A	60.0A
Output Power	252W	35W	50W	300W
Line Regulation	< 0.5%			
Load Regulation	< 2.5%	< 1.0%		< 2.5%
PARD (20MHz)	< 150mVpp	< 80mVpp		< 150mVpp
Hold-up Time	16ms typ. @ 115Vac, 20ms typ. @ 230Vac	20ms typ. @ 115Vac, 100ms typ. @ 230Vac		16ms typ. @ 115Vac, 20ms typ. @ 230Vac
<b>INPUT</b>				
Phase Input	Single Phase			
Input Voltage Range	90-132Vac, 180-264Vac (Selectable by Switch)	85-264Vac		90-132Vac, 180-264Vac (Selectable by Switch)
Input Frequency	47-63Hz			
Input Current	7.00A typ. @ 115Vac, 4.00A typ. @ 230Vac	0.75A typ. @ 115Vac, 0.50A typ. @ 230Vac	1.10A typ. @ 115Vac, 0.65A typ. @ 230Vac	7.00A typ. @ 115Vac, 4.00A typ. @ 230Vac
Efficiency <sup>1)</sup> at 100% Load	76.0% typ. @ 230Vac	81.0% typ. @ 230Vac	82.0% typ. @ 230Vac	78.0% typ. @ 230Vac
Max Inrush Current (Cold Start)	40A typ. @ 115Vac, 60A typ. @ 230Vac	45A typ. @ 230Vac		40A typ. @ 115Vac, 60A typ. @ 230Vac
Power Factor	NA	Conform to EN 61000-3-2		NA
Leakage Current	< 1mA @ 240Vac	< 0.5mA @ 240Vac	< 1mA @ 240Vac	
<b>MECHANICAL</b>				
Case Cover / Chassis	Aluminium	SGCC / Aluminium		Aluminium
Dimensions (L x W x H)	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	98 x 98 x 38 mm (3.86" x 3.86" x 1.50")	98 x 98 x 38 mm (3.86" x 3.86" x 1.50")	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")
Unit Weight	0.81 kg (1.79 lb)	0.23 kg (0.51 lb)	0.23 kg (0.51 lb)	0.81 kg (1.79 lb)
Cooling System	Forced Air (Built-in Fan)	Convection		Forced Air (Built-in Fan)
MTBF <sup>2)</sup>	> 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 (4% / °C), > 60°C (1% / °C)	> 50°C (2.5% / °C)		> 50°C (4% / °C), > 60°C (1% / °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-4V350W1A□ and PMT-5V350W1A□ models, MTBF calculations do not include fan life time.
- 3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

# PMT Panel Mount Power Supply

## 12V Output



# PMT

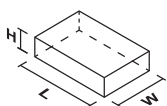
### HIGHLIGHTS & FEATURES

- AC input voltage range selectable by switch (Universal AC input voltage range for selected models)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs per Telcordia SR-332
- Short Circuit / Overvoltage / Overload / Over Temperature Protections
- Versatile configuration options (for 150W and below):
  - Open Frame (35W and 50W)
  - L Frame
  - Enclosed

### GENERAL SPECIFICATIONS

OUTPUT	PM□-12V35W1A□	PM□-12V50W1A□	PM□-12V100W1A□	PM□-12V150W1A□	PMT-12V350W1A□
Output Voltage	12V	12V	12V	12V	12V
Output Voltage Range	11-14V	11-14V	11.4-13.2V	11.4-13.5V	10.8-13.2V
Output Current	2.92A	4.17A	8.5A	12.5A	29.0A
Output Power	35W	50W	102W	150W	348W
Line Regulation	< 0.5%				± 0.5% typ.
Load Regulation	< 1.0%		< 0.5%		± 1.0% typ.
PARD (20MHz)	< 100mVpp		< 120mVpp		< 150mVpp
Hold-up Time	16.7ms typ. @ 115Vac		25ms typ. @ 115Vac, 30ms typ. @ 230Vac	20ms typ. @ 115Vac, 24ms typ. @ 230Vac	12ms typ. @ 115Vac, 16ms typ. @ 230Vac
<b>INPUT</b>					
Phase Input	Single Phase				
Input Voltage Range	90-264Vac		90-132Vac, 180-264Vac (Selectable by Switch)		
Input Frequency	47-63Hz				
Input Current	0.75A typ. @ 115Vac, 0.50A typ. @ 230Vac	1.10A typ. @ 115Vac, 0.70A typ. @ 230Vac	2.00A typ. @ 115Vac, 1.20A typ. @ 230Vac	3.00A typ. @ 115Vac, 2.00A typ. @ 230Vac	7.00A typ. @ 115Vac, 4.00A typ. @ 230Vac
Efficiency <sup>1)</sup> at 100% Load	84.0% typ. @ 115Vac & 230Vac	83.0% typ. @ 115Vac & 230Vac	87.5% typ. @ 230Vac	86.0% typ. @ 230Vac	84.0% typ. @ 230Vac
Max Inrush Current (Cold Start)	30A typ. @ 115Vac, 60A typ. @ 230Vac	30A typ. @ 115Vac, 65A typ. @ 230Vac	36A typ. @ 230Vac	45A typ. @ 230Vac	50A typ. @ 115Vac, 60A typ. @ 230Vac
Power Factor	Conform to EN 61000-3-2				
Leakage Current	< 1mA @ 240Vac		< 0.5mA @ 240Vac		< 3.5mA @ 240Vac
<b>MECHANICAL</b>					
Case Cover / Chassis	SGCC / Aluminium				
Dimensions (L x W x H)	98 x 98 x 38 mm (3.86" x 3.86" x 1.50")	98 x 98 x 38 mm (3.86" x 3.86" x 1.50")	158 x 97 x 38 mm (6.22" x 3.82" x 1.50")	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")
Unit Weight	0.22 kg (0.49 lb)	0.23 kg (0.51 lb)	0.36 kg (0.79 lb)	0.48 kg (1.06 lb)	0.82 kg (1.81 lb)
Cooling System	Convection				Forced Air (Built-in Fan)
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-12V350W1A□ models, MTBF calculations do not include fan life time.
- 3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

# 15V, 24V Output



## PMT

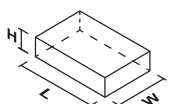
### HIGHLIGHTS & FEATURES

- AC input voltage range selectable by switch (Universal AC input voltage range for selected models)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs per Telcordia SR-332
- Short Circuit / Overvoltage / Overload / Over Temperature Protections
- Versatile configuration options:
  - Open Frame (35W and 50W, except PM□-15V50W1A□)
  - L Frame
  - Enclosed

### GENERAL SPECIFICATIONS

OUTPUT	PM□-15V50W1A□	PM□-24V35W1A□	PM□-24V50W1A□	PM□-24V100W1A□	PM□-24V150W1A□
Output Voltage	15V	24V	24V	24V	24V
Output Voltage Range	13.5-16.5V	22-28V	22-28V	22.8-26.4V	22.8-27.6V
Output Current	3.4A	1.46A	2.1A	4.5A	6.5A
Output Power	51W	35W	50W	108W	156W
Line Regulation	< 0.5%				
Load Regulation	< 0.5%	< 1.0%		< 0.5%	
PARD (20MHz)	< 150mVpp	< 100mVpp		< 120mVpp	
Hold-up Time	20ms typ. @ 115Vac, 100ms typ. @ 230Vac	16.7ms typ. @ 115Vac		25ms typ. @ 115Vac, 30ms typ. @ 230Vac	20ms typ. @ 115Vac, 24ms typ. @ 230Vac
<b>INPUT</b>					
Phase Input	Single Phase				
Input Voltage Range	85-264Vac	90-264Vac		90-132Vac, 180-264Vac (Selectable by Switch)	
Input Frequency	47-63Hz				
Input Current	1.10A typ. @ 115Vac, 0.65A typ. @ 230Vac	0.75A typ. @ 115Vac, 0.50A typ. @ 230Vac	1.10A typ. @ 115Vac, 0.65A typ. @ 230Vac	2.00A typ. @ 115Vac, 1.20A typ. @ 230Vac	3.00A typ. @ 115Vac, 2.00A typ. @ 230Vac
Efficiency <sup>1)</sup> at 100% Load	85.5% typ. @ 230Vac	85.0% typ. @ 115Vac & 230Vac	86.0% typ. @ 115Vac & 230Vac	89.0% typ. @ 230Vac	
Max Inrush Current (Cold Start)	45A typ. @ 230Vac	30A typ. @ 115Vac, 60A typ. @ 230Vac		36A typ. @ 230Vac	45A typ. @ 230Vac
Power Factor	Conform to EN 61000-3-2				
Leakage Current	< 0.5mA @ 240Vac	< 1mA @ 240Vac		< 0.5mA @ 240Vac	
<b>MECHANICAL</b>					
Case Cover / Chassis	SGCC / Aluminium				
Dimensions (L x W x H)	98 x 98 x 38 mm (3.86" x 3.86" x 1.50")	98 x 98 x 38 mm (3.86" x 3.86" x 1.50")	98 x 98 x 38 mm (3.86" x 3.86" x 1.50")	158 x 97 x 38 mm (6.22" x 3.82" x 1.50")	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")
Unit Weight	0.23 kg (0.51 lb)	0.22 kg (0.49 lb)	0.24 kg (0.53 lb)	0.36 kg (0.79 lb)	0.48 kg (1.06 lb)
Cooling System	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).
- 3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

# PMT Panel Mount Power Supply

## 24V Output



## PMT

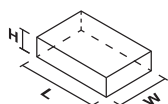
### HIGHLIGHTS & FEATURES

- AC input voltage range selectable by switch
- Full corrosion resistant aluminium casing
- High Efficiency > 87.0% @ 230Vac
- High MTBF > 700,000 hrs per Telcordia SR-332
- Short Circuit / Overvoltage / Overload / Over Temperature Protections
- Versatile configuration options (for 200W):
  - L Frame
  - Enclosed

### GENERAL SPECIFICATIONS

OUTPUT	PM□-24V200W1A□	PMT-24V350W1AG	PMT-24V350W1AM	PMT-24V350W1AK	PMT-24V350W1AR
Output Voltage	24V	24V	24V	24V	24V
Output Voltage Range	21.6-26.4V	20.0-26.4V	20.0-26.4V	20.0-26.4V	20.0-26.4V
Output Current	8.8A	14.6A	14.6A	14.6A	14.6A
Output Power	211.2W	350.4W	350.4W	350.4W	350.4W
Line Regulation			< 0.5%		
Load Regulation			< 0.5%		
PARD (20MHz)			< 150mVpp		
Hold-up Time	20ms typ. @ 115Vac, 24ms typ. @ 230Vac		16ms typ. @ 115Vac, 20ms typ. @ 230Vac		
<b>INPUT</b>					
Phase Input			Single Phase		
Input Voltage Range			90-132Vac, 180-264Vac (Selectable by Switch)		
Input Frequency			47-63Hz		
Input Current	4.5A typ. @ 115Vac, 2.5A typ. @ 230Vac	7.0A typ. @ 115Vac, 4.0A typ. @ 230Vac	7.0A typ. @ 115Vac, 4.0A typ. @ 230Vac	7.0A typ. @ 115Vac, 4.0A typ. @ 230Vac	7.0A typ. @ 115Vac, 4.0A typ. @ 230Vac
Efficiency <sup>1)</sup> at 100% Load	88.5% typ. @ 230Vac		87.0% typ. @ 230Vac		
Max Inrush Current (Cold Start)	55A typ. @ 230Vac		50A typ. @ 115Vac, 60A typ. @ 230Vac		
Power Factor			NA		
Leakage Current	< 0.25mA @ 240Vac		< 3.5mA @ 240Vac		
<b>MECHANICAL</b>					
Case Cover / Chassis			Aluminium		
Dimensions (L x W x H)	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")
Unit Weight	0.63 kg (1.39 lb)	0.82 kg (1.81 lb)	0.82 kg (1.81 lb)	0.82 kg (1.81 lb)	0.82 kg (1.81 lb)
Cooling System	Convection		Forced Air (Built-in Fan)		
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 +60°C		-10°C to +70°C		
Storage Temperature			-25°C to +85°C		
Power De-rating	> 40°C (2.5% / °C)		> 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-24V350W1A□ models, MTBF calculations do not include fan life time.
- 3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

# 36V, 48V, Dual Output



## PMT

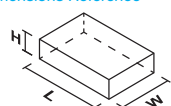
### HIGHLIGHTS & FEATURES

- 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.

# PMT2 Panel Mount Power Supply

## 12V, 24V Output



# PMT2

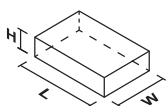
## HIGHLIGHTS & FEATURES

- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- Universal AC input voltage range (except 150W)
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III
- Extreme low temperature cold start at -40°C
- High MTBF > 700,000 hrs per Telcordia SR-332

## GENERAL SPECIFICATIONS

	NEW	NEW	NEW	NEW	NEW	NEW
OUTPUT	PMT-12V50W2BA	PMT-12V100W2BA	PMT-12V150W2BA	PMT-24V50W2BA	PMT-24V100W2BA	PMT-24V150W2BA
Output Voltage	12V	12V	12V	24V	24V	24V
Output Voltage Range	10.8-13.2V	10.8-13.2V	10.8-13.2V	21.6-26.4V	21.6-26.4V	21.6-26.4V
Output Current	4.2A	8.5A	12.5A	2.2A	4.5A	6.25A
Output Power	50.4W	102W	150W	52.8W	108W	150W
Line Regulation	PMT-□V50W2BA, PMT-□V100W2BA: < 0.5% typ. (@ 115Vac & 230Vac input, 100% load) PMT-□V150W2BA: < 0.5% typ. @ 100-132Vac, 170-264Vac (Selectable by Switch)					
Load Regulation	PMT-□V50W2BA, PMT-□V100W2BA: < 0.5% typ. (@ 115Vac & 230Vac input, 100% load) PMT-□V150W2BA: < 0.5% typ. @ 100-132Vac, 170-264Vac (Selectable by Switch)					
PARD (20MHz)	< 120mVpp @ 0°C to 50°C, < 360mVpp @ -30°C to 0°C			< 150mVpp @ 0°C to 50°C, < 450mVpp @ -30°C to 0°C		< 170mVpp @ 0°C to 50°C, < 510mVpp @ -30°C to 0°C
Hold-up Time	15ms typ. @ 115Vac, 70ms typ. @ 230Vac	5ms typ. @ 115Vac, 40ms typ. @ 230Vac	30ms typ. @ 115Vac & 230Vac	15ms typ. @ 115Vac, 70ms typ. @ 230Vac	5ms typ. @ 115Vac, 40ms typ. @ 230Vac	30ms typ. @ 115Vac & 230Vac
<b>INPUT</b>						
Phase Input	Single Phase					
Input Voltage Range	PMT-□V50W2BA, PMT-□V100W2BA: 90-264Vac PMT-□V150W2BA: 90-132Vac, 170-264Vac (Selectable by Switch)					
Input Frequency	47-63Hz					
Input Current	0.95A typ. @ 115Vac, 0.55A typ. @ 230Vac	1.9A typ. @ 115Vac, 1.2A typ. @ 230Vac	3.0A typ. @ 115Vac, 1.7A typ. @ 230Vac	0.95A typ. @ 115Vac, 0.55A typ. @ 230Vac	1.9A typ. @ 115Vac, 1.2A typ. @ 230Vac	3.0A typ. @ 115Vac, 1.7A typ. @ 230Vac
Efficiency <sup>1)</sup> at 100% Load	86% typ. @ 230Vac	87% typ. @ 230Vac	85.8% typ. @ 230Vac	88.3% typ. @ 230Vac	89% typ. @ 230Vac	88.8% typ. @ 230Vac
Max Inrush Current (Cold Start)	40A typ. @ 230Vac	45A typ. @ 230Vac	30A typ. @ 230Vac	40A typ. @ 230Vac	45A typ. @ 230Vac	30A typ. @ 230Vac
Power Factor	NA					
Leakage Current (240Vac, 50Hz)	< 0.75mA					
<b>MECHANICAL</b>						
Case Cover / Chassis	SGCC / Aluminium					
Dimensions (L x W x H)	99 x 82 x 30 mm (3.90" x 3.23" x 1.18")	129 x 97 x 30 mm (5.08" x 3.82" x 1.18")	159 x 97 x 30 mm (6.26" x 3.82" x 1.18")	99 x 82 x 30 mm (3.90" x 3.23" x 1.18")	129 x 97 x 30 mm (5.08" x 3.82" x 1.18")	159 x 97 x 30 mm (6.26" x 3.82" x 1.18")
Unit Weight	0.18 kg (0.39 lb)	0.29 kg (0.63 lb)	0.35 kg (0.78 lb)	0.18 kg (0.39 lb)	0.29 kg (0.63 lb)	0.35 kg (0.78 lb)
Cooling System	Convection					
MTBF <sup>2)</sup>	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
<b>ENVIRONMENT</b>						
Operating Temperature	-30°C to +70°C					
Storage Temperature	-25°C to +85°C					
Power De-rating	PMT-□V50W2BA, PMT-□V100W2BA: > 50°C (2% / °C) PMT-□V150W2BA: > 50°C (2% / °C), < -25°C (4% / °C) @ 100Vac					
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: 230Vac, O/P: 100% load).
- 3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.