

PMT2

Features

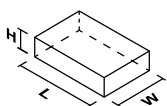


- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1

Specifications

OUTPUT	PMT-12V35W2BA□	PMT-12V50W2BA□	PMT-12V75W2BA□	PMT-12V100W2BA□
Output Voltage	12V	12V	12V	12V
Output Voltage Range	10.8-13.2V	10.8-13.2V	10.8-13.2V	10.8-13.2V
Output Current	3.0A	4.2A	6.0A	8.5A
Output Power	36W	50.4W	72W	102W
PARD (20MHz)	< 120mVpp @ 0°C to 70°C, 360mVpp typ. @ -30°C to 0°C			
Hold-up Time	115Vac	16ms typ.	12ms typ.	11ms typ.
	230Vac	70ms typ.	60ms typ.	52ms typ.
INPUT				
Phase Input	Single Phase			
Input Voltage Range	90-264Vac			
Input Frequency	47-63Hz			
Input Current	115Vac	0.7A typ.	0.95A typ.	1.4A typ.
	230Vac	0.42A typ.	0.6A typ.	0.85A typ.
Efficiency ¹⁾ at 100% Load	230Vac	86.0% typ.	85.0% typ.	87.0% typ.
Max Inrush Current (Cold Start)	230Vac	45A typ.	45A typ.	55A typ.
Power Factor	NA			
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA
MECHANICAL				
Case Cover / Chassis	SGCC / Aluminium			
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30
	inch	3.90 × 3.23 × 1.14	3.90 × 3.23 × 1.14	3.90 × 3.82 × 1.18
Unit Weight	kg	0.17	0.18	0.22
	lb	0.36	0.39	0.48
Cooling System	Convection			
MTBF ²⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT				
Operating Temperature ³⁾	-30°C to +70°C			
Storage Temperature	-40°C to +85°C			
Operating Humidity	20 to 90% 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 horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



PMT2

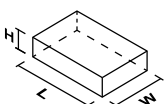
Features

- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16 (except 350W)
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3 (except 350W)
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1

Specifications

OUTPUT		NEW	NEW	NEW	
		PMT-12V150W2BA□	PMT-12V150W2CA□	PMT-12V200W2B□□	PMT-12V350W2B□□
Output Voltage		12V	12V	12V	12V
Output Voltage Range		10.8-13.2V	10.8-13.2V	10.8-13.2V	10.8-13.2V
Output Current		12.5A	12.5A	17.0A	29.0A (43.5A for 1s) ²⁾
Output Power		150W	150W	204W	348W (522W for 1s) ²⁾
PARD (20MHz)		< 150mVpp @ 0°C to 70°C, 450mVpp typ. @ -30°C to 0°C			
Hold-up Time	115Vac	30ms typ.	12ms typ.	30ms typ.	20ms typ.
	230Vac		55ms typ.		
INPUT					
Phase Input	Single Phase				
Input Voltage Range	90-132Vac, 180-264Vac (Selectable by Switch)	90-264Vac	90-132Vac, 180-264Vac (Selectable by Switch)		
Input Frequency	47-63Hz				
Input Current	115Vac	3.0A typ.	3.0A typ.	4.0A typ.	6.0A typ.
	230Vac	1.7A typ.	1.7A typ.	2.2A typ.	3.4A typ.
Efficiency ¹⁾ at 100% Load	230Vac	87.5% typ.	88.0% typ.	88.5% typ.	84.5% typ.
Max Inrush Current (Cold Start)	230Vac	60A typ.	60A typ.	60A typ.	60A typ.
Power Factor	NA				
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA	< 0.75mA
MECHANICAL					
Case Cover / Chassis	SGCC / Aluminium				
Dimensions (L × W × H)	mm	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30	215 × 115 × 30
	inch	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18	8.46 × 4.53 × 1.18
Unit Weight	kg	0.35	0.39	0.42	0.83
	lb	0.78	0.86	0.93	1.84
Cooling System	Convection				Forced Air (Built-in Fan)
MTBF ³⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ⁴⁾	-30°C to +70°C				
Storage Temperature	-40°C to +85°C				
Operating Humidity	20 to 90% 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 horizontal mounting orientation.
- 2) PMT-12V350W2BR□ models only.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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Features

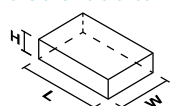


- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1

Specifications

							NEW
OUTPUT	PMT-15V35W2BA	PMT-15V50W2BA	PMT-15V75W2BA	PMT-15V100W2BA	PMT-15V150W2BA	PMT-15V150W2CA	
Output Voltage	15V	15V	15V	15V	15V	15V	
Output Voltage Range	13.5-16.5V	13.5-16.5V	13.5-16.5V	13.5-16.5V	13.5-16.5V	13.5-16.5V	
Output Current	2.4A	3.4A	5.0A	7.0A	10.0A	10.0A	
Output Power	36W	51W	75W	105W	150W	150W	
PARD (20MHz)	< 120mVpp @ 0°C to 70°C, 360mVpp typ. @ -30°C to 0°C				< 150mVpp @ 0°C to 70°C, 450mVpp typ. @ -30°C to 0°C		
Hold-up Time	115Vac	16ms typ.	12ms typ.	11ms typ.	9ms typ.	30ms typ.	
	230Vac	70ms typ.	60ms typ.	52ms typ.	42ms typ.	12ms typ. 55ms typ.	
INPUT							
Phase Input	Single Phase						
Input Voltage Range	90-264Vac				90-132Vac, 180-264Vac (Selectable by Switch)	90-264Vac	
Input Frequency	47-63Hz						
Input Current	115Vac	0.7A typ.	0.95A typ.	1.4A typ.	1.9A typ.	3.0A typ.	
	230Vac	0.42A typ.	0.6A typ.	0.85A typ.	1.2A typ.	1.7A typ.	
Efficiency ¹⁾ at 100% Load	230Vac	87.0% typ.	87.0% typ.	88.0% typ.	88.0% typ.	89% typ.	
Max Inrush Current (Cold Start)	230Vac	45A typ.	45A typ.	55A typ.	55A typ.	60A typ.	
Power Factor	NA						
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA	< 0.5mA	< 0.5mA	
MECHANICAL							
Case Cover / Chassis	SGCC / Aluminium						
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30	159 × 97 × 30	159 × 97 × 30
	inch	3.90 × 3.23 × 1.14	3.90 × 3.23 × 1.14	3.90 × 3.82 × 1.18	5.08 × 3.82 × 1.18	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18
Unit Weight	kg	0.17	0.18	0.22	0.29	0.35	0.39
	lb	0.36	0.39	0.48	0.63	0.78	0.86
Cooling System	Convection						
MTBF ²⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	
ENVIRONMENT							
Operating Temperature ³⁾	-30°C to +70°C						
Storage Temperature	-40°C to +85°C						
Operating Humidity	20 to 90% 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 horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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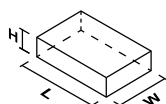


- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1

Specifications

OUTPUT		PMT-24V35W2BA	PMT-24V50W2BA	PMT-24V75W2BA□	PMT-24V100W2BA□
Output Voltage		24V	24V	24V	24V
Output Voltage Range		21.6-26.4V	21.6-26.4V	21.6-26.4V	21.6-26.4V
Output Current		1.5A	2.2A	3.2A	4.5A
Output Power		36W	52.8W	76.8W	108W
PARD (20MHz)		< 150mVpp @ 0°C to 70°C, 450mVpp typ. @ -30°C to 0°C			
Hold-up Time	115Vac	16ms typ.	12ms typ.	11ms typ.	9ms typ.
	230Vac	70ms typ.	60ms typ.	52ms typ.	42ms typ.
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.7A typ.	0.95A typ.	1.4A typ.	1.9A typ.
	230Vac	0.42A typ.	0.6A typ.	0.85A typ.	1.2A typ.
Efficiency ¹⁾ at 100% Load	230Vac	88.5% typ.	88.0% typ.	89.5% typ.	90.0% typ.
Max Inrush Current (Cold Start)	230Vac	45A typ.	45A typ.	55A typ.	55A typ.
Power Factor		NA			
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA	< 0.5mA
MECHANICAL					
Case Cover / Chassis		SGCC / Aluminium			
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30
	inch	3.90 × 3.23 × 1.14	3.90 × 3.23 × 1.14	3.90 × 3.82 × 1.18	5.08 × 3.82 × 1.18
Unit Weight	kg	0.17	0.18	0.22	0.29
	lb	0.36	0.39	0.48	0.63
Cooling System		Convection			
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ³⁾		-30°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		20 to 90% 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 horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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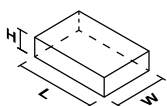
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- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3 (except 350W)
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1



Specifications

		NEW	NEW	NEW	
OUTPUT		PMT-24V150W2BA□	PMT-24V150W2CA□	PMT-24V200W2B□□	PMT-24V350W2B□□
Output Voltage		24V	24V	24V	24V
Output Voltage Range		21.6-26.4V	21.6-26.4V	21.6-26.4V	21.6-26.4V
Output Current		6.25A	6.5A	8.8A	14.6A (21.9A for 1s) ²⁾
Output Power		150W	156W	211.2W	350.4W (525.6W for 1s) ²⁾
PARD (20MHz)		< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C		< 150mVpp @ 0°C to 70°C, 450mVpp typ. @ -30°C to 0°C	< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C
Hold-up Time	115Vac	30ms typ.	12ms typ.	30ms typ.	20ms typ.
	230Vac		55ms typ.		
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-132Vac, 180-264Vac (Selectable by Switch)	90-264Vac	90-132Vac, 180-264Vac (Selectable by Switch)	
Input Frequency		47-63Hz			
Input Current	115Vac	3.0A typ.	3.0A typ.	4.0A typ.	6.0A typ.
	230Vac	1.7A typ.	1.7A typ.	2.2A typ.	3.4A typ.
Efficiency ¹⁾ at 100% Load	230Vac	89.0% typ.	90% typ.	90.0% typ.	87.0% typ.
Max Inrush Current (Cold Start)	230Vac	60A typ.	60A typ.	60A typ.	60A typ.
Power Factor		NA			
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA	< 0.75mA
MECHANICAL					
Case Cover / Chassis		SGCC / Aluminium			
Dimensions (L × W × H)	mm	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30	215 × 115 × 30
	inch	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18	8.46 × 4.53 × 1.18
Unit Weight	kg	0.35	0.39	0.42	0.83
	lb	0.78	0.86	0.93	1.84
Cooling System		Convection			Forced Air (Built-in Fan)
MTBF ³⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ⁴⁾		-30°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		20 to 90% 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 horizontal mounting orientation.
- 2) PMT-24V350W2BR□ models only.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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Features

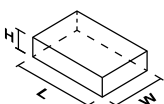
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- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1



Specifications

							NEW
OUTPUT	PMT-30V35W2BA	PMT-30V50W2BA	PMT-30V75W2BA	PMT-30V100W2BA	PMT-30V150W2BA	PMT-30V150W2CA	
Output Voltage	30V	30V	30V	30V	30V	30V	
Output Voltage Range	27-33V	27-33V	27-33V	27-33V	27-33V	27.0-33.0V	
Output Current	1.2A	1.7A	2.5A	3.6A	5.0A	5.0A	
Output Power	36W	51W	75W	108W	150W	150W	
PARD (20MHz)	< 150mVpp @ 0°C to 70°C, 450mVpp typ. @ -30°C to 0°C				< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C		
Hold-up Time	115Vac	16ms typ.	12ms typ.	11ms typ.	9ms typ.	30ms typ.	
	230Vac	70ms typ.	60ms typ.	52ms typ.	42ms typ.		12ms typ.
INPUT							
Phase Input	Single Phase						
Input Voltage Range	90-264Vac				90-132Vac, 180-264Vac (Selectable by Switch)	90-264Vac	
Input Frequency	47-63Hz						
Input Current	115Vac	0.70A typ.	0.95A typ.	1.4A typ.	1.9A typ.	3.0A typ.	
	230Vac	0.42A typ.	0.60A typ.	0.85A typ.	1.2A typ.	1.7A typ.	
Efficiency ¹⁾ at 100% Load	230Vac	87.5% typ.	88.0% typ.	89.5% typ.	90.0% typ.	89.0% typ.	
Max Inrush Current (Cold Start)	230Vac	45A typ.	45A typ.	55A typ.	55A typ.	60A typ.	
Power Factor	NA						
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA	< 0.5mA	< 0.5mA	
MECHANICAL							
Case Cover / Chassis	SGCC / Aluminium						
Dimensions (L x W x H)	mm	99 x 82 x 29	99 x 82 x 29	99 x 97 x 30	129 x 97 x 30	159 x 97 x 30	
	inch	3.90 x 3.23 x 1.14	3.90 x 3.23 x 1.14	3.90 x 3.82 x 1.18	5.08 x 3.82 x 1.18	6.26 x 3.82 x 1.18	
Unit Weight	kg	0.17	0.18	0.22	0.29	0.35	
	lb	0.36	0.39	0.48	0.63	0.78	
Cooling System	Convection						
MTBF ²⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	
ENVIRONMENT							
Operating Temperature ³⁾	-30°C to +70°C						
Storage Temperature	-40°C to +85°C						
Operating Humidity	20 to 90% 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 horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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Features

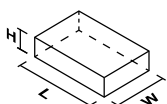


- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1

Specifications

OUTPUT		PMT-36V35W2BA	PMT-36V50W2BA	PMT-36V75W2BA	PMT-36V100W2BA
Output Voltage		36V	36V	36V	36V
Output Voltage Range		32.4-39.6V	32.4-39.6V	32.4-39.6V	32.4-39.6V
Output Current		1A	1.45A	2.1A	3A
Output Power		36W	52.2W	75.6W	108W
PARD (20MHz)		< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C			
Hold-up Time	115Vac	16ms typ.	12ms typ.	11ms typ.	9ms typ.
	230Vac	70ms typ.	60ms typ.	52ms typ.	42ms typ.
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.7A typ.	0.95A typ.	1.4A typ.	1.9A typ.
	230Vac	0.42A typ.	0.6A typ.	0.85A typ.	1.2A typ.
Efficiency ¹⁾ at 100% Load	230Vac	89.0% typ.	89.0% typ.	90.5% typ.	91.0% typ.
Max Inrush Current (Cold Start)	230Vac	45A typ.	45A typ.	55A typ.	55A typ.
Power Factor		NA			
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA	< 0.5mA
MECHANICAL					
Case Cover / Chassis		SGCC / Aluminium			
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30
	inch	3.90 × 3.23 × 1.14	3.90 × 3.23 × 1.14	3.90 × 3.82 × 1.18	5.08 × 3.82 × 1.18
Unit Weight	kg	0.17	0.18	0.22	0.29
	lb	0.36	0.39	0.48	0.63
Cooling System		Convection			
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ³⁾		-30°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		20 to 90% 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 horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

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Features

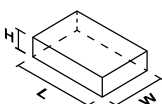
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- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3 (except 350W)
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1



Specifications

OUTPUT	PMT-36V150W2BA	NEW PMT-36V150W2CA	NEW PMT-36V200W2B□	PMT-36V350W2B□
Output Voltage	36V	36V	36V	36V
Output Voltage Range	32.4-39.6V	32.4-39.6V	32.4-39.6V	32.4-39.6V
Output Current	4.3A	4.3A	5.9A	9.7A (14.55A for 1s) ²⁾
Output Power	154.8W	154.8W	212.4W	349.2W (523.8W for 1s) ²⁾
PARD (20MHz)	< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C			
Hold-up Time	115Vac	30ms typ.	12ms typ.	30ms typ.
	230Vac		55ms typ.	
INPUT				
Phase Input	Single Phase			
Input Voltage Range	90-132Vac, 180-264Vac (Selectable by Switch)	90-264Vac	90-132Vac, 180-264Vac (Selectable by Switch)	
Input Frequency	47-63Hz			
Input Current	115Vac	3.0A typ.	3.0A typ.	4.0A typ.
	230Vac	1.7A typ.	1.7A typ.	2.2A typ.
Efficiency ¹⁾ at 100% Load	230Vac	89.5% typ.	90% typ.	90.0% typ.
Max Inrush Current (Cold Start)	230Vac	60A typ.	60A typ.	60A typ.
Power Factor	NA			
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA
MECHANICAL				
Case Cover / Chassis	SGCC / Aluminium			
Dimensions (L × W × H)	mm	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30
	inch	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18
Unit Weight	kg	0.35	0.39	0.42
	lb	0.78	0.86	0.93
Cooling System	Convection			Forced Air (Built-in Fan)
MTBF ³⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT				
Operating Temperature ⁴⁾	-30°C to +70°C			
Storage Temperature	-40°C to +85°C			
Operating Humidity	20 to 90% 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 horizontal mounting orientation.
- 2) PMT-36V350W2BR model only.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2

Features

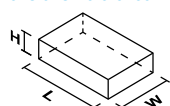


- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1

Specifications

OUTPUT		PMT-48V35W2BA	PMT-48V50W2BA	PMT-48V75W2BA	PMT-48V100W2BA
Output Voltage		48V	48V	48V	48V
Output Voltage Range		43.2-52.8V	43.2-52.8V	43.2-52.8V	43.2-52.8V
Output Current		0.8A	1.1A	1.6A	2.3A
Output Power		38.4W	52.8W	76.8W	110.4W
PARD (20MHz)		< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C			
Hold-up Time	115Vac	16ms typ.	12ms typ.	11ms typ.	9ms typ.
	230Vac	70ms typ.	60ms typ.	52ms typ.	42ms typ.
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.7A typ.	0.95A typ.	1.4A typ.	1.9A typ.
	230Vac	0.42A typ.	0.6A typ.	0.85A typ.	1.2A typ.
Efficiency ¹⁾ at 100% Load	230Vac	89.5% typ.	88.5% typ.	90.0% typ.	91.5% typ.
Max Inrush Current (Cold Start)	230Vac	45A typ.	45A typ.	55A typ.	55A typ.
Power Factor		NA			
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA	< 0.5mA
MECHANICAL					
Case Cover / Chassis		SGCC / Aluminium			
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30
	inch	3.90 × 3.23 × 1.14	3.90 × 3.23 × 1.14	3.90 × 3.82 × 1.18	5.08 × 3.82 × 1.18
Unit Weight	kg	0.17	0.18	0.22	0.29
	lb	0.36	0.39	0.48	0.63
Cooling System		Convection			
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ³⁾		-30°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		20 to 90% 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 horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.



PMT2

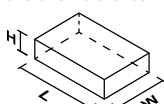
Features

- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16 (except 350W)
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3 (except 350W)
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1

Specifications

OUTPUT	PMT-48V150W2BA	NEW PMT-48V150W2CA	NEW PMT-48V200W2B□	PMT-48V350W2B□
Output Voltage	48V	48V	48V	48V
Output Voltage Range	43.2-52.8V	43.2-52.8V	43.2-52.8V	43.2-52.8V
Output Current	3.3A	3.3A	4.4A	7.3A (10.95A for 1s) ²⁾
Output Power	158.4W	158.4W	211.2W	350.4W (525.6W for 1s) ²⁾
PARD (20MHz)	< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C			
Hold-up Time	115Vac	30ms typ.	12ms typ.	30ms typ.
	230Vac		55ms typ.	
INPUT				
Phase Input	Single Phase			
Input Voltage Range	90-132Vac, 180-264Vac (Selectable by Switch)	90-264Vac	90-132Vac, 180-264Vac (Selectable by Switch)	
Input Frequency	47-63Hz			
Input Current	115Vac	3.0A typ.	3.0A typ.	4.0A typ.
	230Vac	1.7A typ.	1.7A typ.	2.2A typ.
Efficiency ¹⁾ at 100% Load	230Vac	91.0% typ.	91% typ.	91.0% typ.
Max Inrush Current (Cold Start)	230Vac	60A typ.	60A typ.	60A typ.
Power Factor	NA			
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA	< 0.5mA
MECHANICAL				
Case Cover / Chassis	SGCC / Aluminium			
Dimensions (L × W × H)	mm	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30
	inch	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18	6.26 × 3.82 × 1.18
Unit Weight	kg	0.35	0.39	0.42
	lb	0.78	0.86	0.93
Cooling System	Convection			Forced Air (Built-in Fan)
MTBF ³⁾	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT				
Operating Temperature ⁴⁾	-30°C to +70°C			
Storage Temperature	-40°C to +85°C			
Operating Humidity	20 to 90% 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 horizontal mounting orientation.
- 2) PMT-48V350W2BR model only.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2

Features

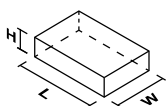


- Isolated & non-isolated Output & Ground for CH1 & CH2
- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Certified according to IEC/EN/UL 62368-1

Specifications

		NEW	NEW
OUTPUT		PMT-D1V75W2□A	PMT-D2V75W2□A
Output Voltage		V1: 5V, V2: 12V	V1: 5V, V2: 24V
Output Voltage Range		V1: Fixed, V2: 10.8-13.2V	V1: Fixed, V2: 21.6-26.4V
Output Current		V1: 0-5.0A, V2: 0.3-4.0A	V1: 0-5.0A, V2: 0.2-2.1A
Output Power		73W	75.4W
PARD (20MHz)		V1: < 100mVpp, V2: < 120mVpp @ 0°C to 70°C V1: 300mVpp, V2: 360mVpp typ. @ -30°C to 0°C	V1: < 100mVpp, V2: < 150mVpp @ 0°C to 70°C V1: 300mVpp, V2: 450mVpp typ @ -30°C to 0°C
Hold-up Time	115Vac	10ms typ.	10ms typ.
	230Vac	50ms typ.	50ms typ.
INPUT			
Phase Input		Single Phase	
Input Voltage Range		90-264Vac	
Input Frequency		47-63Hz	
Input Current	115Vac	1.4A typ.	1.4A typ.
	230Vac	0.85A typ.	0.85A typ.
Efficiency ¹⁾ at 100% Load	230Vac	83.0% typ.	85.0% typ.
Max Inrush Current (Cold Start)	230Vac	55A typ.	55A typ.
Power Factor		NA	
Leakage Current (50Hz)	240Vac	< 0.5mA	< 0.5mA
MECHANICAL			
Case Cover / Chassis		SGCC / Aluminium	
Dimensions (L × W × H)	mm	129 × 97 × 30	129 × 97 × 30
	inch	5.08 × 3.82 × 1.18	5.08 × 3.82 × 1.18
Unit Weight	kg	0.28	0.28
	lb	0.61	0.61
Cooling System		Convection	
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs
ENVIRONMENT			
Operating Temperature ³⁾		-30°C to +70°C	
Storage Temperature		-40°C to +85°C	
Operating Humidity		20 to 90% 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 horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.