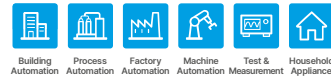


PMT2 (12V)

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

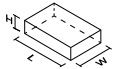


Applications



Output		PMT-12V35W2BA□	PMT-12V50W2BA□	PMT-12V75W2BA□	PMT-12V100W2BA□	PMT-12V150W2BA□	PMT-12V150W2CA□	PMT-12V200W2B□□	PMT-12V350W2B□□	
Output Voltage		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	
Output Voltage Range		10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	
Output Current		3.0 A	4.2 A	6.0 A	8.5 A	12.5 A	12.5 A	17.0 A	29.0 A (43.5 A for 1 s) ²⁾	
Output Power		36 W	50.4 W	72 W	102 W	150 W	150 W	204 W	348 W (522 W for 1 s) ²⁾	
PARD (20 MHz)		< 120 mVpp @ 0°C to 70°C, 360 mVpp typ. @ -30°C to 0°C					< 150 mVpp @ 0°C to 70°C, 450 mVpp typ. @ -30°C to 0°C			
Hold-up Time	115 V _{AC}	16 ms typ.	12 ms typ.	11 ms typ.	9 ms typ.	30 ms typ.	12 ms typ.	30 ms typ.	20 ms typ.	
	230 V _{AC}	70 ms typ.	60 ms typ.	52 ms typ.	42 ms typ.		55 ms typ.			
Input										
Phase Input		Single Phase					Single Phase			
Input Voltage Range		90-264 V _{AC}					90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	90-264 V _{AC}	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	
Input Frequency		47-63 Hz					47-63 Hz			
Input Current	115 V _{AC}	0.7 A typ.	0.95 A typ.	1.4 A typ.	1.9 A typ.	3.0 A typ.	3.0 A typ.	4.0 A typ.	6.0 A typ.	
	230 V _{AC}	0.42 A typ.	0.6 A typ.	0.85 A typ.	1.2 A typ.	1.7 A typ.	1.7 A typ.	2.2 A typ.	3.4 A typ.	
Efficiency ¹⁾ at 100% Load	230 V _{AC}	86.0% typ.	85.0% typ.	87.0% typ.	87.5% typ.	87.5% typ.	88.0% typ.	88.5% typ.	84.5% typ.	
Max Inrush Current (Cold Start)	230 V _{AC}	45 A typ.			55 A typ.			60 A typ.		
Power Factor		NA					NA			
Leakage Current (50 Hz)	240 V _{AC}	< 0.5 mA					< 0.5 mA		< 0.75 mA	
Mechanical										
Case Cover / Chassis		SGCC / Aluminium					SGCC / Aluminium			SGCC / SGCC
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30	215 × 115 × 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	6.26 × 3.82 × 1.18	8.46 × 4.53 × 1.18	
	kg	0.17	0.18	0.22	0.29	0.35	0.39	0.42	0.83	
Unit Weight	lb	0.36	0.39	0.48	0.63	0.78	0.86	0.93	1.84	
Cooling System		Convection					Convection			Forced Air (Built-in Fan)
MTBF ³⁾		> 700,000 hrs					> 700,000 hrs			
Environment										
Operating Temperature ⁴⁾		-30°C to +70°C					-30°C to +70°C			
Storage Temperature		-40°C to +85°C					-40°C to +85°C			
Operating Humidity		20 to 90% RH (Non-Condensing)					20 to 90% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)					0 to 5,000 m (0 to 16,400 ft)			

Dimensions Reference



Notes

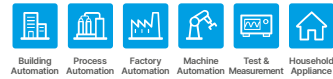
- At 25°C ambient temperature by horizontal mounting orientation.
- PMT-12V350W2B□□ models only.
- MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
- Refer power de-rating in the product datasheet.
- All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2 (15V)



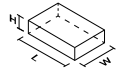
- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30 mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C

Applications



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		2.4 A		3.4 A		5.0 A		7.0 A		10.0 A		10.0 A	
Output Power		36W		51W		75W		105 W		150W		150W	
PARD (20 MHz)				< 120 mVpp @ 0°C to 70°C, 360 mVpp typ. @ -30°C to 0°C				< 120 mVpp @ 0°C to 70°C, 360 mVpp typ. @ -30°C to 0°C				< 150 mVpp @ 0°C to 70°C, 450 mVpp typ. @ -30°C to 0°C	
Hold-up Time	115 V _{AC}	16 ms typ.		12 ms typ.		11 ms typ.		9 ms typ.		30 ms typ.		12 ms typ.	
	230 V _{AC}	70 ms typ.		60 ms typ.		52 ms typ.		42 ms typ.				55 ms typ.	
Input													
Phase Input		Single Phase						Single Phase					
Input Voltage Range		90-264 V _{AC}						90-264 V _{AC}		90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)		90-264 V _{AC}	
Input Frequency		47-63Hz								47-63Hz			
Input Current	115 V _{AC}	0.7 A typ.		0.95 A typ.		1.4 A typ.		1.9 A typ.		3.0 A typ.		3.0 A typ.	
	230 V _{AC}	0.42 A typ.		0.6 A typ.		0.85 A typ.		1.2 A typ.		1.7 A typ.		1.7 A typ.	
Efficiency ¹⁾ at 100% Load		230 V _{AC}		87.0% typ.		88.0% typ.				88.0% typ.		89% typ.	
Max Inrush Current (Cold Start)		230 V _{AC}		45 A typ.		55 A typ.		55 A typ.				60 A typ.	
Power Factor		NA						NA					
Leakage Current (50Hz)		240 V _{AC}		< 0.5 mA						< 0.5 mA			
Mechanical													
Case Cover / Chassis		SGCC / Aluminium						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						Convection					
MTBF ²⁾		> 700,000 hrs						> 700,000 hrs					
Environment													
Operating Temperature ³⁾		-30°C to +70°C						-30°C to +70°C					
Storage Temperature		-40°C to +85°C						-40°C to +85°C					
Operating Humidity		20 to 90% RH (Non-Condensing)						20 to 90% RH (Non-Condensing)					
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)						0 to 5,000 m (0 to 16,400 ft)					

Dimensions Reference



Notes

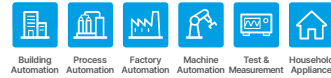
- 1) At 25°C ambient temperature by horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2 (24 V)

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

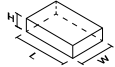


Applications



Output		PMT-24V35W2BA	PMT-24V50W2BA	PMT-24V75W2BA□	PMT-24V100W2BA□	PMT-24V150W2BA□	PMT-24V150W2CA□	PMT-24V200W2B□□	PMT-24V350W2B□□	
Output Voltage		24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	
Output Voltage Range		21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	
Output Current		1.5 A	2.2 A	3.2 A	4.5 A	6.25 A	6.5 A	8.8 A	14.6 A (21.9 A for 1s) ²⁾	
Output Power		36 W	52.8 W	76.8 W	108 W	150 W	156 W	211.2 W	350.4 W (525.6 W for 1s) ²⁾	
PARD (20 MHz)		< 150 mVpp @ 0°C to 70°C, 450 mVpp typ. @ -30°C to 0°C				< 200 mVpp @ 0°C to 70°C, 600 mVpp typ. @ -30°C to 0°C		< 150 mVpp @ 0°C to 70°C, 450 mVpp typ. @ -30°C to 0°C	< 200 mVpp @ 0°C to 70°C, 600 mVpp typ. @ -30°C to 0°C	
Hold-up Time	115 V _{AC}	16 ms typ.	12 ms typ.	11 ms typ.	9 ms typ.	30 ms typ.	12 ms typ.	30 ms typ.	20 ms typ.	
	230 V _{AC}	70 ms typ.	60 ms typ.	52 ms typ.	42 ms typ.		55 ms typ.			
Input										
Phase Input		Single Phase					Single Phase			
Input Voltage Range		90-264 V _{AC}					90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	90-264 V _{AC}	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	
Input Frequency		47-63 Hz					47-63 Hz			
Input Current	115 V _{AC}	0.7 A typ.	0.95 A typ.	1.4 A typ.	1.9 A typ.	3.0 A typ.	3.0 A typ.	4.0 A typ.	6.0 A typ.	
	230 V _{AC}	0.42 A typ.	0.6 A typ.	0.85 A typ.	1.2 A typ.	1.7 A typ.	1.7 A typ.	2.2 A typ.	3.4 A typ.	
Efficiency ¹⁾ at 100% Load	230 V _{AC}	88.5% typ.	88.0% typ.	89.5% typ.	90.0% typ.	89.0% typ.	90% typ.		87.0% typ.	
Max Inrush Current (Cold Start)	230 V _{AC}	45 A typ.			55 A typ.			60 A typ.		
Power Factor		NA					NA			
Leakage Current (50 Hz)	240 V _{AC}	< 0.5 mA					< 0.5 mA		< 0.75 mA	
Mechanical										
Case Cover / Chassis		SGCC / Aluminium					SGCC / Aluminium			SGCC / SGCC
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30	215 × 115 × 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	6.26 × 3.82 × 1.18	8.46 × 4.53 × 1.18	
	kg	0.17	0.18	0.22	0.29	0.35	0.39	0.42	0.83	
Unit Weight	lb	0.36	0.39	0.48	0.63	0.78	0.86	0.93	1.84	
Cooling System		Convection					Convection			Forced Air (Built-in Fan)
MTBF ³⁾		> 700,000 hrs					> 700,000 hrs			> 700,000 hrs
Environment										
Operating Temperature ⁴⁾		-30°C to +70°C					-30°C to +70°C			
Storage Temperature		-40°C to +85°C					-40°C to +85°C			
Operating Humidity		20 to 90% RH (Non-Condensing)					20 to 90% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)					0 to 5,000 m (0 to 16,400 ft)			

Dimensions Reference



Notes

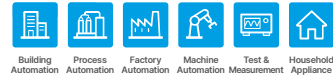
- At 25°C ambient temperature by horizontal mounting orientation.
- PMT-24V350W2B□□ models only.
- MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
- Refer power de-rating in the product datasheet.
- All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2 (30 V)



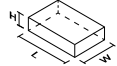
- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- No load power consumption
- Low profile design: 30 mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C

Applications



Output		PMT-30V35W2BA		PMT-30V50W2BA		PMT-30V75W2BA		PMT-30V100W2BA		PMT-30V150W2BA		PMT-30V150W2CA	
Output Voltage		30V		30V		30V		30V		30V		30V	
Output Voltage Range		27-33 V		27-33 V		27-33 V		27-33 V		27-33 V		27.0-33.0 V	
Output Current		1.2 A		1.7 A		2.5 A		3.6 A		5.0 A		5.0 A	
Output Power		36 W		51 W		75 W		108 W		150 W		150 W	
PARD (20 MHz)		< 150 mVpp @ 0°C to 70°C, 450 mVpp typ. @ -30°C to 0°C						< 150 mVpp @ 0°C to 70°C, 450 mVpp typ. @ -30°C to 0°C		< 200 mVpp @ 0°C to 70°C, 600 mVpp typ. @ -30°C to 0°C			
Hold-up Time	115 V _{AC}	16 ms typ.		12 ms typ.		11 ms typ.		9 ms typ.		30 ms typ.		12 ms typ.	
	230 V _{AC}	70 ms typ.		60 ms typ.		52 ms typ.		42 ms typ.				55 ms typ.	
Input													
Phase Input		Single Phase						Single Phase					
Input Voltage Range		90-264 V _{AC}						90-264 V _{AC}		90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)		90-264 V _{AC}	
Input Frequency		47-63 Hz						47-63 Hz					
Input Current	115 V _{AC}	0.70 A typ.		0.95 A typ.		1.4 A typ.		1.9 A typ.		3.0 A typ.		3.0 A typ.	
	230 V _{AC}	0.42 A typ.		0.60 A typ.		0.85 A typ.		1.2 A typ.		1.7 A typ.		1.7 A typ.	
Efficiency ¹⁾ at 100% Load	230 V _{AC}	87.5% typ.		88.0% typ.		89.5% typ.		90.0% typ.		89.0% typ.		90% typ.	
Max Inrush Current (Cold Start)	230 V _{AC}	45 A typ.				55 A typ.		55 A typ.		60 A typ.			
Power Factor		NA						NA					
Leakage Current (50 Hz)	240 V _{AC}	< 0.5 mA						< 0.5 mA					
Mechanical													
Case Cover / Chassis		SGCC / Aluminium						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	
	kg	0.17		0.18		0.22		0.29		0.35		0.39	
Unit Weight	lb	0.36		0.39		0.48		0.63		0.78		0.86	
Cooling System		Convection						Convection					
MTBF ²⁾		> 700,000 hrs						> 700,000 hrs					
Environment													
Operating Temperature ³⁾		-30°C to +70°C						-30°C to +70°C					
Storage Temperature		-40°C to +85°C						-40°C to +85°C					
Operating Humidity		20 to 90% RH (Non-Condensing)						20 to 90% RH (Non-Condensing)					
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)						0 to 5,000 m (0 to 16,400 ft)					

Dimensions Reference



Notes

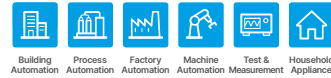
- 1) At 25°C ambient temperature by horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230V_{AC}, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2 (36 V)

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

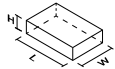


Applications



Output		PMT-36V35W2BA	PMT-36V50W2BA	PMT-36V75W2BA	PMT-36V100W2BA	PMT-36V150W2BA	PMT-36V150W2CA	PMT-36V200W2B□	PMT-36V350W2B□	
Output Voltage		36 V	36 V	36 V	36 V	36 V	36 V	36 V	36 V	
Output Voltage Range		32.4-39.6 V	32.4-39.6 V	32.4-39.6 V	32.4-39.6 V	32.4-39.6 V	32.4-39.6 V	32.4-39.6 V	32.4-39.6 V	
Output Current		1 A	1.45 A	2.1 A	3 A	4.3 A	4.3 A	5.9 A	9.7 A (14.55 A for 1s) ²⁾	
Output Power		36 W	52.2 W	75.6 W	108 W	154.8 W	154.8 W	212.4 W	349.2 W (523.8 W for 1s) ²⁾	
PARD (20 MHz)		< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C					< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C			
Hold-up Time	115V _{AC}	16ms typ.	12ms typ.	11ms typ.	9ms typ.	30ms typ.	12ms typ.	30ms typ.	20ms typ.	
	230V _{AC}	70ms typ.	60ms typ.	52ms typ.	42ms typ.		55ms typ.			
Input										
Phase Input		Single Phase					Single Phase			
Input Voltage Range		90-264 V _{AC}					90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	90-264 V _{AC}	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	
Input Frequency		47-63Hz					47-63 Hz			
Input Current	115V _{AC}	0.7 A typ.	0.95 A typ.	1.4 A typ.	1.9 A typ.	3.0 A typ.	3.0 A typ.	4.0 A typ.	6.0 A typ.	
	230V _{AC}	0.42 A typ.	0.6 A typ.	0.85 A typ.	1.2 A typ.	1.7 A typ.	1.7 A typ.	2.2 A typ.	3.4 A typ.	
Efficiency ¹⁾ at 100% Load	230V _{AC}	89.0% typ.		90.5% typ.	91.0% typ.	89.5% typ.	90% typ.		88.0% typ.	
Max Inrush Current (Cold Start)	230V _{AC}	45 A typ.		55 A typ.			60 A typ.			
Power Factor		NA					NA			
Leakage Current (50 Hz)	240V _{AC}	< 0.5mA					< 0.5mA		< 0.75 mA	
Mechanical										
Case Cover / Chassis		SGCC / Aluminium					SGCC / Aluminium			SGCC / SGCC
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30	215 × 115 × 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	6.26 × 3.82 × 1.18	8.46 × 4.53 × 1.18	
	kg	0.17	0.18	0.22	0.29	0.35	0.39	0.42	0.83	
Unit Weight	lb	0.36	0.39	0.48	0.63	0.78	0.86	0.93	1.84	
	Cooling System		Convection					Convection		Forced Air (Built-in Fan)
MTBF ³⁾		> 700,000hrs					> 700,000hrs			
Environment										
Operating Temperature ⁴⁾		-30°C to +70°C					-30°C to +70°C			
Storage Temperature		-40°C to +85°C					-40°C to +85°C			
Operating Humidity		20 to 90% RH (Non-Condensing)					20 to 90% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)					0 to 5,000 m (0 to 16,400ft)			

Dimensions Reference



Notes

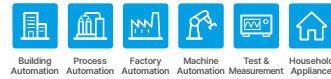
- At 25°C ambient temperature by horizontal mounting orientation.
- PMT-36V350W2BR model only.
- MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
- Refer power de-rating in the product datasheet.
- All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2 (48 V)



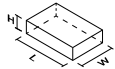
- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16 (except 350 W)
- No load power consumption
- Low profile design: 30 mm height
- Over Voltage Category III, Pollution Degree 3 (except 350 W)
- Cold start at -40°C

Applications



Output		PMT-48V35W2BA	PMT-48V50W2BA	PMT-48V75W2BA	PMT-48V100W2BA	PMT-48V150W2BA	PMT-48V150W2CA	PMT-48V200W2B□	PMT-48V350W2B□	
Output Voltage		48 V	48 V	48 V	48 V	48 V	48 V	48 V	48 V	
Output Voltage Range		43.2-52.8 V	43.2-52.8 V	43.2-52.8 V	43.2-52.8 V	43.2-52.8 V	43.2-52.8 V	43.2-52.8 V	43.2-52.8 V	
Output Current		0.8 A	1.1 A	1.6 A	2.3 A	3.3 A	3.3 A	4.4 A	7.3 A (10.95 A for 1s) ²⁾	
Output Power		38.4 W	52.8 W	76.8 W	110.4 W	158.4 W	158.4 W	211.2 W	350.4 W (525.6 W for 1s) ²⁾	
PARD (20 MHz)		< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C					< 200mVpp @ 0°C to 70°C, 600mVpp typ. @ -30°C to 0°C			
Hold-up Time	115V _{AC}	16ms typ.	12ms typ.	11ms typ.	9ms typ.	30ms typ.	12ms typ.	30ms typ.	20ms typ.	
	230V _{AC}	70ms typ.	60ms typ.	52ms typ.	42ms typ.		55ms typ.			
Input										
Phase Input		Single Phase					Single Phase			
Input Voltage Range		90-264 V _{AC}					90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	90-264 V _{AC}	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	
Input Frequency		47-63Hz					47-63 Hz			
Input Current	115V _{AC}	0.7 A typ.	0.95 A typ.	1.4 A typ.	1.9 A typ.	3.0 A typ.	3.0 A typ.	4.0 A typ.	6.0 A typ.	
	230V _{AC}	0.42 A typ.	0.6 A typ.	0.85 A typ.	1.2 A typ.	1.7 A typ.	1.7 A typ.	2.2 A typ.	3.4 A typ.	
Efficiency ¹⁾ at 100% Load	230V _{AC}	89.5% typ.	88.5% typ.	90.0% typ.	91.5% typ.	91.0% typ.			88.0% typ.	
Max Inrush Current (Cold Start)	230 V _{AC}	45 A typ.		55 A typ.			60 A typ.			
Power Factor		NA					NA			
Leakage Current (50 Hz)	240 V _{AC}	< 0.5mA					< 0.5mA		< 0.75 mA	
Mechanical										
Case Cover / Chassis		SGCC / Aluminium					SGCC / Aluminium			SGCC / SGCC
Dimensions (L × W × H)	mm	99 × 82 × 29	99 × 82 × 29	99 × 97 × 30	129 × 97 × 30	159 × 97 × 30	159 × 97 × 30	159 × 97 × 30	215 × 115 × 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	6.26 × 3.82 × 1.18	8.46 × 4.53 × 1.18	
	kg	0.17	0.18	0.22	0.29	0.35	0.39	0.42	0.83	
Unit Weight	lb	0.36	0.39	0.48	0.63	0.78	0.86	0.93	1.84	
Cooling System		Convection					Convection			Forced Air (Built-in Fan)
MTBF ³⁾		> 700,000hrs					> 700,000hrs			
Environment										
Operating Temperature ⁴⁾		-30°C to +70°C					-30°C to +70°C			
Storage Temperature		-40°C to +85°C					-40°C to +85°C			
Operating Humidity		20 to 90% RH (Non-Condensing)					20 to 90% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)					0 to 5,000 m (0 to 16,400 ft)			

Dimensions Reference



Notes

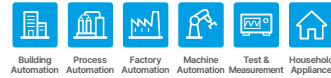
- 1) At 25°C ambient temperature by horizontal mounting orientation.
- 2) PMT-48V350W2BR model only.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMT2 (Dual)

- 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: 30 mm height
- Over Voltage Category III, Pollution Degree 3
- Cold start at -40°C

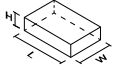


Applications



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	115V _{AC}	10ms typ. 50ms typ.			
	230V _{AC}				
Input					
Phase Input		Single Phase			
Input Voltage Range		90-264V _{AC}			
Input Frequency		47-63Hz			
Input Current	115V _{AC}	1.4A typ.		1.4A typ.	
	230V _{AC}	0.85A typ.		0.85A typ.	
Efficiency ¹⁾ at 100% Load	230V _{AC}	83.0% typ.		85.0% typ.	
Max Inrush Current (Cold Start)	230V _{AC}	55A typ.			
Power Factor		NA			
Leakage Current (50 Hz)	240V _{AC}	< 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⁾		> 700,000hrs			
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 5,000m (0 to 16,400ft)			

Dimensions Reference



Notes

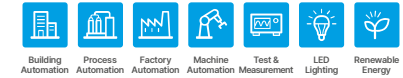
- 1) At 25°C ambient temperature by horizontal mounting orientation.
- 2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230V_{AC}, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PMC (5V, 12V)

- Power will not de-rate for the entire input voltage range (except 600W)
- Full corrosion resistant aluminium casing (PMC-12V150W1B□)
- High MTBF > 700,000 hrs per Telcordia SR-332
- Overvoltage / Overcurrent / Over Temperature / Short Circuit Protections

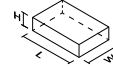


Applications



Output		PMC-05V015W1AA		PMC-12V150W1B□		PMC-12V600W1BA	
Output Voltage		5V		12V		12V	
Output Voltage Range		4.75-5.50V		11-14V		10.8-13.2V	
Output Current		0-3.0A		0-12.5A		0-50A	
Output Power		15W		150W		600W	
PARD (20MHz)		< 70mVpp		< 100mVpp		< 240mVpp	
Hold-up Time	115V _{AC}	> 15 ms		> 30 ms		> 20 ms	
	230V _{AC}	> 80 ms					
Input							
Phase Input		Single Phase					
Input Voltage Range		85-264 V _{AC} (DC input range 125-375 V _{DC}) ¹⁾					85-264 V _{AC} (DC input range 120-375 V _{DC}) ¹⁾
Input Frequency		47-63Hz					
Input Current	115V _{AC}	< 0.40A		< 1.70A		< 6.5A	
	230V _{AC}	< 0.22A		< 1.00A		< 3.2A	
Efficiency ²⁾ at 100% Load	115V _{AC}	> 80.0%		> 87.0%		> 85.5%	
	230V _{AC}			> 88.0%		> 89.0%	
Max Inrush Current (Cold Start)	115V _{AC}	< 30A		< 60A		< 10A	
	230V _{AC}	< 65A		< 120A		< 20A	
Power Factor	115V _{AC}	Conform to EN 61000-3-2		> 0.99		> 0.98	
	230V _{AC}			> 0.90		> 0.95	
Leakage Current	240V _{AC}			< 1mA		-	
	264V _{AC}			-		< 1.5mA	
Mechanical							
Case Cover / Chassis		SECC Steel		Aluminium		SECC Steel	
Dimensions (L × W × H)	mm	77 × 51 × 28		178 × 97 × 38		215 × 120 × 61	
	inch	3.03 × 2.01 × 1.10		7.01 × 3.82 × 1.50		8.46 × 4.72 × 2.40	
Unit Weight	kg	0.16		0.54		1.51	
	lb	0.35		1.19		3.33	
Cooling System		Convection				Forced Air (Built-in Fan)	
MTBF ³⁾		> 700,000hrs					
Environment							
Operating Temperature ⁴⁾		-10°C to +70°C		-10°C to +70°C		-20°C to +70°C	
Storage Temperature		-25°C to +85°C				-40°C to +75°C	
Operating Humidity		5 to 95% RH (Non-Condensing)					
Operating Altitude		0 to 3,000 m (0 to 9,840 ft)					

Dimensions Reference



Notes

- 1) All models fulfill the test conditions for this range. DC input safety approval can be obtained upon request.
- 2) At 25°C ambient temperature by vertical mounting orientation.
- 3) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 115V_{AC}, O/P: 100% load) for vertical mounting orientation. For PMC-12V600W1BA, MTBF calculations do not include fan life time.
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.