



Panel Mount Power Supply

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Product Introduction

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PMC



- Universal AC input voltage range
- Power will not de-rate for the entire input voltage range (except PMC-24V600W1BA)
- Full corrosion resistant aluminium casing (except PMC-05V015W1AA and PMC-24V600W1BA)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A (except PMC-24V150W1A□)
- High MTBF > 700,000 hrs per Telcordia SR-332
- Safety approval according to IEC/EN/UL 60950-1 (ITE standard) and EMI to EN 55022, Class B
- Also available: IP20 and Front Face connectors for selected models



Typical Applications



PMU



- AC input voltage selectable by switch
- LED indicator for DC OK (green) and Battery reverse (red)
- Zero switch over time between mains to battery (no relay used)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. per Telcordia SR-332
- Monitoring signal for AC OK, DC OK and Battery Low as options



Typical Applications



PMF



- Universal AC input voltage range
- Built-in active PFC and automatic fan speed control
- Full corrosion resistant aluminium casing
- Conforms to harmonic current IEC/EN 61000-3-2, Class D
- Remote ON/OFF is available as an option
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections



Typical Applications



PMT



- AC input voltage selectable by switch (Universal AC input voltage for selected models only)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A (except 200W and 350W)
- High MTBF > 700,000 hrs per Telcordia SR-332
- Versatile configuration options:
 - Open Frame (35W and 50W, except for 5V/35W, 5V/50W and 15V/50W models)
 - L Frame (35W-200W)
 - Enclosed



Typical Applications



PMH



- Household appliance approvals 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



Typical Applications



PMR



- Universal AC input voltage range
- Full corrosion resistant aluminium casing
- Built-in active PFC and conforms to harmonic current IEC/EN 61000-3-2, Class A and Class D
- Low profile design for 1U installation
- Built-in DC OK relay contact and redundancy operation (PMR-□V320WDBA and PMR-□V320WDCA)



Typical Applications



Connector Options

1. Terminal Block connector
2. IP20 connector
3. Front Face connector
4. Harness connector

* Only for some models. Please refer to the catalog or our homepage for details.

Product List

Series	Model Name	PFC	Output Voltage	Output Current	Output Power	Input Voltage	Dimensions (L x W x D)		
PMC	PMC-05V015W1AA		5V	3.00A	15W	85-264Vac (DC input range 125-375Vdc)*	77 x 51 x 28 mm (3.03" x 2.01" x 1.10")		
	PMC-05V035W1A□			7.00A	35W		98 x 97 x 38 mm (3.86" x 3.82" x 1.50")		
	PMC-05V050W1AA			10.0A	50W		128 x 97 x 38 mm (5.04" x 3.82" x 1.50")		
	PMC-12V035W1A□	PMC-12V050W1A□		12V	3.00A	35W	85-264Vac (DC input range 125-375Vdc)*	98 x 97 x 38 mm (3.86" x 3.82" x 1.50")	
					4.17A	50W		128 x 97 x 38 mm (5.04" x 3.82" x 1.50")	
					5.00A	60W		128 x 97 x 38 mm (5.04" x 3.82" x 1.50")	
					8.33A	100W		158 x 97 x 38 mm (6.22" x 3.82" x 1.50")	
					12.5A	150W		178 x 97 x 38 mm (7.01" x 3.82" x 1.50")	
	PMC-24V035W1A□	PMC-24V050W1A□		24V	1.46A	35W	85-264Vac (DC input range 125-375Vdc)*	128 x 97 x 38 mm (5.04" x 3.82" x 1.50")	
					2.10A	50W		128 x 97 x 38 mm (5.04" x 3.82" x 1.50")	
					3.12A	75W		128 x 97 x 38 mm (5.04" x 3.82" x 1.50")	
					4.17A	100W		158 x 97 x 38 mm (6.22" x 3.82" x 1.50")	
					6.25A	150W		178 x 97 x 38 mm (7.01" x 3.82" x 1.50")	
					6.25A	150W		180-264Vac (DC input range 220-375Vdc)*	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")
					6.25A	150W		85-264Vac (DC input range 125-375Vdc)*	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")
					12.5A	300W		199 x 105 x 41 mm (7.83" x 4.13" x 1.61")	
					25.0A	600W		85-264Vac (DC input range 120-370Vdc)*	215 x 120 x 61 mm (8.46" x 4.72" x 2.40")
					3.125A	150W		85-264Vac (DC input range 125-375Vdc)*	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")
	2.70A / 7.00A	100W	85-264Vac (DC input range 125-375Vdc)*	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")					
	PMF	PMF-4V320WC□□	●	4.2V	55.0A	231W	85-264Vac	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	
		PMF-5V320WC□□	●	5V	55.0A	275W	85-264Vac	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")	
PMF-24V200WC□□		●	24V	8.40A	200W	85-264Vac	190 x 93 x 50 mm (7.48" x 3.66" x 1.97")		
PMF-24V240WC□□		●		10.0A	240W		190 x 93 x 50 mm (7.48" x 3.66" x 1.97")		
PMF-24V320WC□□		●		13.3A	320W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
PMH	PMH-24V50WCA□		24V	2.10A	50W	85-264Vac (DC input range 120-375Vdc)*	98 x 97 x 38 mm (3.86" x 3.82" x 1.50")		
	PMH-24V100WCA□			4.16A	100W		158 x 97 x 38 mm (6.22" x 3.82" x 1.50")		
	PMH-24V150WCB□	●		6.25A	150W		178 x 97 x 38 mm (7.01" x 3.82" x 1.50")		
	PMH-24V200WCB□	●		8.33A	200W		190 x 97 x 38 mm (7.48" x 3.82" x 1.50")		
PMU	PMU-13V155W□BA	●	13.8V	V1: 9.50A B+: 1.50A	151W	90-132Vac, 180-264Vac (Selectable by Switch)	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")		
	PMU-13V155W□CA	●		151W	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")				
	PMU-27V155W□BA	●	27.6V	V1: 4.00A S: 1.50A (Enclosed) B+: 1.20A (L Frame)	151W	90-132Vac, 180-264Vac (Selectable by Switch)	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")		
	PMU-13V155W□CA	●		151W	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")				

*DC input is certified for selected models.

Model Numbering

PM	C –	XXV	XXXW	□	□	□
Panel Mount	Product Type C - Enclosed	Output Voltage	Output Power	Phase Input 1 - Single Phase, Wide Range Input Voltage 2 - Single Phase, High Line Input Voltage	A - No PFC B - With PFC N - NEC Class 2	Connector Type A - Terminal Block ³⁾ J - IP20 Connector ¹⁾ L - Front Face ²⁾
PM	C –	D	SPV	100W	1	A
Panel Mount	Product Type C - Enclosed	Dual Output	Output Voltage S - 24V P - 5V	Output Power	Phase Input Single Phase	Delta Standard
PM	F –	XXV	XXXW	C	□	□
Panel Mount	Product Series F - PFC Series	Output Voltage	Output Power	Package Type C - Enclosed	Connector Type G - Front Face A - Terminal Block ¹⁾	Variable B - No Remote ON/OFF R - With Remote ON/OFF ¹⁾
PM	H –	XXV	XXXW	C	□	□
Panel Mount	Product Series H - Household Series	Output Voltage	Output Power	Package Type C - Enclosed	A - No PFC B - With PFC	Output Non-Isolated to PE (PELV) A - Terminal Block J - IP20 Connector L - Front Face H - Harness
PM	U –	XXV	XXXW	□	□	A
Panel Mount	Product Series U - With DC UPS Function	Output Voltage	Output Power	Package Type C - Enclosed L - L Frame ¹⁾	Signal B - Without Signal C - With Signal	Connector Type A - Terminal Block

1) Options
2) Options for 150W with PFC
3) For PMC-05V015W1AA and PMC-24V600W1BA, the connector type is a Front Face connector

Series	Model Name	PFC	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimensions (L x W x D)		
PMR	PMR-4V320WC□□A	●	4.2V	60.0A	252W	88-264Vac	215 x 115 x 30 mm (8.46" x 4.53" x 1.18")		
	PMR-4V320WD□□A	●		60.0A	252W		215 x 115 x 30 mm (8.46" x 4.53" x 1.18")		
	PMR-5V320WC□□A	●	5V	60.0A	300W	88-264Vac	215 x 115 x 30 mm (8.46" x 4.53" x 1.18")		
	PMR-5V320WD□□A	●		60.0A	300W		215 x 115 x 30 mm (8.46" x 4.53" x 1.18")		
	PMT	PMT-4V350W1A□			4.2V		60.0A	252W	90-132Vac, 180-264Vac (Selectable by Switch)
PMT	PM□-5V35W1A□		5V	7.00A	35W	85-264Vac	98 x 98 x 38 mm (3.86" x 3.76" x 1.50")		
	PM□-5V50W1A□			10.0A	50W		98 x 98 x 38 mm (3.86" x 3.76" x 1.50")		
	PMT-5V350W1A□		12V	60.0A	300W	90-132Vac, 180-264Vac (Selectable by Switch)	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
	PM□-12V35W1A□			2.92A	35W		90-264Vac	98 x 98 x 38 mm (3.86" x 3.76" x 1.50")	
	PM□-12V50W1A□			4.20A	50W		98 x 98 x 38 mm (3.86" x 3.76" x 1.50")		
	PM□-12V100W1A□		90-132Vac, 180-264Vac (Selectable by Switch)	8.50A	100W		158 x 97 x 38 mm (6.22" x 3.82" x 1.50")		
	PM□-12V150W1A□			12.5A	150W		178 x 97 x 38 mm (7.01" x 3.82" x 1.50")		
	PMT-12V350W1A□			29.0A	348W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
	PM□-15V50W1A□			15V	3.40A		50W	85-264Vac	98 x 98 x 38 mm (3.86" x 3.76" x 1.50")
	PM□-24V35W1A□		24V	1.46A	35W	90-264Vac	98 x 98 x 38 mm (3.86" x 3.76" x 1.50")		
	PM□-24V50W1A□			2.09A	50W		98 x 98 x 38 mm (3.86" x 3.76" x 1.50")		
	PM□-24V100W1A□		90-132Vac, 180-264Vac (Selectable by Switch)	4.50A	100W		158 x 97 x 38 mm (6.22" x 3.82" x 1.50")		
	PM□-24V150W1A□			6.50A	150W		178 x 97 x 38 mm (7.01" x 3.82" x 1.50")		
	PM□-24V200W1A□			8.80A	200W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
	PMT-24V350W1AG			14.6A	350W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
	PMT-24V350W1AM			14.6A	350W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
	PMT-24V350W1AK			14.6A	350W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
	PMT-24V350W1AR			14.6A	350W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
	PMT-36V350W1A□			36V	9.70A		349.2W	90-132Vac, 180-264Vac (Selectable by Switch)	215 x 115 x 50 mm (8.46" x 4.53" x 1.97")
	PM□-48V150W1A□			48V	3.30A		150W	90-132Vac, 180-264Vac (Selectable by Switch)	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")
PMT-48V350W1A□		7.30A			350W		215 x 115 x 50 mm (8.46" x 4.53" x 1.97")		
PM□-D1V100W1A□		12V / 5V	7.00A / 3.00A	100W	88-132Vac, 176-264Vac (Selectable by Switch)	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")			
PM□-D2V100W1A□		24V / 5V	3.50A / 3.00A	100W	88-132Vac, 176-264Vac (Selectable by Switch)	178 x 97 x 38 mm (7.01" x 3.82" x 1.50")			

Model Numbering

PM	R –	XXV	XXXW	□	□	□
Panel Mount	Product Series R - Standard Rack Type Series (1U)	Output Voltage	Output Power	Package Type C - Enclosed with Fan D - Enclosed without Fan	Connector Type A - Terminal Block B - Terminal Block (Parallel Operation) ¹⁾ G - Front Face ²⁾ C - Front Face (Parallel Operation) ¹⁾	Variable A - Conformal Coating

1) Options for Enclosed without Fan (PMR-□V320WDBA and PMR-□V320WDCA)
2) Options

PM	□ –	XXV	XXXW	1	A	□	□
Panel Mount	Product Type T - Enclosed L - L Frame ¹⁾ B - Open Frame ²⁾	Output Voltage	Output Power	Phase Input Single Phase	No PFC	Connector Type With UL, TUV, CE, CCC A - Terminal Block G - Front Face ³⁾⁵⁾ H - Harness ³⁾ With UL, TUV, CE R - Terminal Block K - Front Face ⁴⁾ With UL M - Terminal Block N - Front Face	Blank - Without connector cover A - With connector cover B - Conformal coating ⁶⁾
PM	□ –	XXV	XXXW	1	A	□	□
Panel Mount	Product Type L - L Frame ¹⁾	Dual Output D1 - 12V / 5V D2 - 24V / 5V	Output Power	Phase Input Single Phase	No PFC	Connector Type A - Terminal Block G - Front Face ³⁾ H - Harness ³⁾	Blank - Without connector cover A - With connector cover

1) Options for 35W-200W
2) Options for 35W and 50W (except for 5V/35W, 5V/50W and 15V/50W models)
3) Options (Harness connector is not available for 5V/50W model)

4) Options for PMT-24V350W1AK, PMT-36V350W1A□ and PMT-48V350W1A□
5) PMT-24V350W1AG is certified to UL and CE only
6) For PMT-4V350W1AM and PMT-5V350W1AM





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October 2016 - All information and specifications are subjected to change without prior notice.