Panel Mount Power Supply

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Panel Mount Power Supply

Product Introduction

PMT2

Applications

Building Automation, Process Automation, Factory Automation, Machine Automation, Test & Measurement, Household Appliance

- Household appliance approvals to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16 (only 35 W ~ 150 W)
- Certified according to IEC/EN/UL 62368-1
- Low no load power consumption
- Low profile design : 30mm height
- Over Voltage Category III (only 35 W ~ 150 W)
- Cold start at -40°C

PMC

Applications

Building Automation, Process Automation, Factory Automation, Machine Automation, Test & Measurement, LED Lighting, Renewable Energy, Household Appliance

- Safety approval according to IEC/EN/UL 60950-1, IEC/EN/UL 62368-1 and EMI to EN 55032, Class B
- Power will not de-rate for the entire input voltage range (except PMC-☐V600W1BA)
- Full corrosion resistant aluminium casing (except PMC-05V015W1AA and PMC-☐V600W1BA)
- Also available: IP20 and Front Face connectors for selected models

PMF

Applications

Process Automation, Factory Automation, Machine Automation, LED Lighting

- Built-in active PFC and automatic fan speed control
- Full corrosion resistant aluminium casing
- Remote ON/OFF is available as an option
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections
- Certified according to IEC/EN/UL 62368-1

PMR

Applications

LED Lighting

- 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)

PMU

Applications

Process Automation, Factory Automation, Machine Automation, LED Lighting

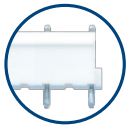
- AC input voltage selectable by switch
- LED indicators for DC OK (Green) and Battery Reverse Polarity Connection (Red)
- Zero switch over time from loss of AC to battery operation
- Monitoring signals for AC OK, DC OK and Battery Low indication
- Certified according to IEC/EN/UL 62368-1

Connector Options

Terminal Block connector

IP20 connector

Front Face connector



Harness connector

Panel Mount Power Supply

Product List

Series	Model Name	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimensions (L x W x H)	
						mm	inch
PMT2	PMT-12V35W2BA☐	12 V	3.0 A	36 W	90-264 Vac	99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-12V50W2BA☐		4.2 A	50.4 W		99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-12V75W2BA☐		6.0 A	72 W		99 x 97 x 30	3.90 x 3.82 x 1.18
	PMT-12V100W2BA☐		8.5 A	102 W		129 x 97 x 30	5.08 x 3.82 x 1.18
	PMT-12V150W2BA☐		12.5 A	150 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-12V150W2CA☐		12.5 A	150 W	90-264 Vac	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-12V200W2BM☐		17.0 A	204 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-12V200W2BR☐		17.0 A	204 W		159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-12V350W2BM☐		29.0 A	348 W		215 x 115 x 30	8.46 x 3.82 x 1.18
	PMT-12V350W2BR☐		29.0 A	348 W		215 x 115 x 30	8.46 x 3.82 x 1.18
	PMT-15V35W2BA	15 V	2.4 A	36 W	90-264 Vac	99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-15V50W2BA		3.4 A	51 W		99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-15V75W2BA		5.0 A	75 W		99 x 97 x 30	3.90 x 3.82 x 1.18
	PMT-15V100W2BA		7.0 A	105 W		129 x 97 x 30	5.08 x 3.82 x 1.18
	PMT-15V150W2BA		10.0 A	150 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-15V150W2CA		10.0 A	150 W	90-264 Vac	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-24V35W2BA☐	24 V	1.5 A	36 W	90-264 Vac	99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-24V50W2BA☐		2.2 A	52.8 W		99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-24V75W2BA☐		3.2 A	76.8 W		99 x 97 x 30	3.90 x 3.82 x 1.18
	PMT-24V100W2BA☐		4.5 A	108 W		129 x 97 x 30	5.08 x 3.82 x 1.18
	PMT-24V150W2BA☐		6.25 A	150 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-24V150W2CA☐		6.25 A	150 W	90-264 Vac	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-24V200W2BM☐		8.8 A	211.2 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-24V200W2BR☐		8.8 A	211.2 W		159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-24V350W2BM☐		14.6 A	350.4 W		215 x 115 x 30	8.46 x 3.82 x 1.18
	PMT-24V350W2BR☐		14.6 A	350.4 W		215 x 115 x 30	8.46 x 3.82 x 1.18
	PMT-30V35W2BA	30 V	1.2 A	36 W	90-264 Vac	99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-30V50W2BA		1.7 A	51 W		99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-30V75W2BA		2.5 A	75 W		99 x 97 x 30	3.90 x 3.82 x 1.18
	PMT-30V100W2BA		3.6 A	108 W		129 x 97 x 30	5.08 x 3.82 x 1.18
	PMT-30V150W2BA		5.0 A	150 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-30V150W2CA		5.0A	150 W	90-264 Vac	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-36V35W2BA	36 V	1.0A	36 W	90-264 Vac	99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-36V50W2BA		1.45 A	52.2 W		99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-36V75W2BA		2.1 A	75.6 W		99 x 97 x 30	3.90 x 3.82 x 1.18
	PMT-36V100W2BA		3.0 A	108 W		129 x 97 x 30	5.08 x 3.82 x 1.18
	PMT-36V150W2BA		4.3 A	154.8 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-36V150W2CA		4.3 A	154.8 W	90-264 Vac	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-36V200W2BM		5.9 A	212.4 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-36V200W2BR		5.9 A	212.4 W		159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-36V350W2BM		9.7 A	349.2 W		215 x 115 x 30	8.46 x 4.53 x 1.18
	PMT-36V350W2BR		9.7 A	349.2 W		215 x 115 x 30	8.46 x 4.53 x 1.18
	PMT-48V35W2BA	48 V	0.8 A	38.4 W	90-264 Vac	99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-48V50W2BA		1.1 A	52.8 W		99 x 82 x 30	3.90 x 3.23 x 1.18
	PMT-48V75W2BA		1.6 A	76.8 W		99 x 97 x 30	3.90 x 3.82 x 1.18
	PMT-48V100W2BA		2.3 A	110.4 W		129 x 97 x 30	5.08 x 3.82 x 1.18
	PMT-48V150W2BA		3.3 A	158.4 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-48V150W2CA		3.3 A	158.4 W	90-264 Vac	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-48V200W2BM		4.4 A	211.2 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-48V200W2BR		4.4 A	211.2 W		159 x 97 x 30	6.26 x 3.82 x 1.18
	PMT-48V350W2BM		7.3 A	350.4 W		215 x 115 x 30	8.46 x 4.53 x 1.18
	PMT-48V350W2BR		7.3 A	350.4 W		215 x 115 x 30	8.46 x 4.53 x 1.18

Model Numbering

PMT2 Series - Single Output

PM	T –	XXV	XXXW	2	☐	☐	CC Code [1] ☐
Panel Mount	**Product Type** T - Enclosed	**Output Voltage**	**Output Power**	Single Phase with Low Profile	**Famliy Code** For 35 W-100 W B - No PFC, Universal input voltage range For 150 W-350 W B - No PFC, Input voltage range selectable by switch C - No PFC, Universal input voltage range	**Connector Type** Terminal Block Connector A - With UL, TUV, CE, CCC, KC, EAC M - With UL, EAC R - With UL, TUV, CE, EAC	Blank - Without connector cover B - With conformal coating[1] C - With connector cover and conformal coating[1]

1) Options for 12 V and 24 V model only

Series	Model Name	PFC	Output Voltage	Output Current	Output Power	Input Voltage Range*	Dimensions (L x W x H)	
							mm	inch
PMT2	PMT-D1V75W2☐A		12 V / 5 V	4.0 A / 5.0 A	73 W	90-264 Vac	129 x 97 x 30	5.08 x 3.82 x 1.18
	PMT-D2V75W2☐A		24 V / 5 V	2.1 A / 5.0 A	75.4 W	90-264 Vac	129 x 97 x 30	5.08 x 3.82 x 1.18
PMC	PMC-05V015W1AA		5 V	3.0 A	15 W	85-264 Vac (DC input range 125-375 Vdc)	77 x 51 x 28	3.03 x 2.01 x 1.10
	PMC-12V150W1B☐	●	12 V	12.5 A	150 W	85-264 Vac (DC input range 125-375 Vdc)	178 x 97 x 38	7.01 x 3.82 x 1.50
	PMC-12V600W1BA	●		50.0 A	600 W		215 x 120 x 61	8.46 x 4.72 x 2.40
	PMC-24V150W1B☐	●	24 V	6.25 A	150 W	85-264 Vac (DC input range 125-375 Vdc)	178 x 97 x 38	7.01 x 3.82 x 1.50
	PMC-24V300W1BA	●		12.5 A	300 W		199 x 105 x 41	7.83 x 4.13 x 1.61
	PMC-24V600W1BA	●		25.0 A	600 W		215 x 120 x 61	8.46 x 4.72 x 2.40
	PMC-24V600W1RW	●		25.0 A	600 W	85-264 Vac	190 x 120 x 61	7.48 × 4.72 × 2.40
	PMC-48V150W1BA	●	48 V	3.125 A	150 W	85-264 Vac (DC input range 125-375 Vdc)	178 x 97 x 38	7.01 x 3.82 x 1.50
	PMC-48V600W1BA	●		12.5 A	600 W		215 x 120 x 61	8.46 x 4.72 x 2.40
	PMC-DSPV100W1A		24 V / 5 V	2.7 A / 7.0 A	100 W	85-264 Vac (DC input range 125-375 Vdc)	178 x 97 x 38	7.01 x 3.82 x 1.50
PMF	PMF-4V320WC☐☐	●	4.2 V	55.0 A	231 W	85-264 Vac	215 x 115 x 50	8.46 x 4.53 x 1.97
	PMF-5V320WC☐☐	●	5 V	55.0 A	275 W	85-264 Vac	215 x 115 x 50	8.46 x 4.53 x 1.97
	PMF-24V240WC☐☐	●	24 V	10.0 A	240 W	85-264 Vac	190 x 93 x 50	7.48 x 3.66 x 1.97
	PMF-24V320WC☐☐	●		13.3 A	320 W		215 x 115 x 50	8.46 x 4.53 x 1.97

*DC input is certified for selected models.

Model Numbering

PMT2 Series - Dual Output

PM	T –	XXV	XXXW	2	☐	A
Panel Mount	**Product Type** T - Enclosed	**Output Voltage** Dual Output D1 - 12 V / 5 V D2 - 24 V / 5 V	**Output Power**	Single Phase with Low Profile	**Famliy Code** B - No PFC, Non-Isolated C - No PFC, Isolated	**Connector Type** A - Terminal Block

PMC Series

PM	C –	XXV	XXXW	1	☐	☐
Panel Mount	**Product Type** C - Enclosed	**Output Voltage**	**Output Power**	**Phase Input** 1 - Single Phase, Wide Range Input Voltage	A - No PFC B - With PFC R - With PFC + Remote ON/OFF + Remote Sense	**Connector Type** A - Terminal Block [1] J - IP20 Connector [2] L - Front Face [2] W - Front Face with conformal coating
PM	**C –**	**D**	**SPV**	**100W**	**1**	**A**
Panel Mount	**Product Type** C - Enclosed	**Dual Output**	**Output Voltage** S - 24 V P - 5 V	**Output Power**	**Phase Input** Single Phase	Delta Standard

1) For PMC-05V015W1AA and PMC-☐V600W1BA, the connector type is a Front Face connector
For PMC-24V300W1BA, the connector type is IP20 connector.
2) Options

PMF Series

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]

1) Options

Series	Model Name	PFC	Output Voltage	Output Current	Output Power	Input Voltage Range*	Dimensions (L x W x H)	
							mm	inch
PMR	PMR-4V320WC☐A	●	4.2 V	60.0 A	252 W	88-264 Vac	215 x 115 x 30	8.46 x 4.53 x 1.18
	PMR-4V320WD☐A	●		60.0 A	252 W		215 x 115 x 30	8.46 x 4.53 x 1.18
	PMR-5V320WC☐A	●	5 V	60.0 A	300 W	88-264 Vac	215 x 115 x 30	8.46 x 4.53 x 1.18
	PMR-5V320WD☐A	●		60.0 A	300 W		215 x 115 x 30	8.46 x 4.53 x 1.18
	PMR-12V320W1AT	●	12 V	26.7 A	320.4 W	90-264 Vac	215 x 115 x 30	8.46 x 4.53 x 1.18
	PMR-24V320W1AT	●	24 V	13.4 A	321.6 W	90-264 Vac	215 x 115 x 30	8.46 x 4.53 x 1.18
	PMR-36V320W1AT	●	36 V	8.9 A	320.4 W	90-264 Vac	215 x 115 x 30	8.46 x 4.53 x 1.18
	PMR-48V320W1AT	●	48 V	6.7 A	321.6 W	90-264 Vac	215 x 115 x 30	8.46 x 4.53 x 1.18
PMU	PMU-13V155W☐BA		13.8 V	V1: 9.5 A B+:1.5 A	151 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	178 x 97 x 38	7.01 x 3.82 x 1.50
	PMU-13V155W☐CA				151 W		178 x 97 x 38	7.01 x 3.82 x 1.50
	PMU-27V155W☐BA		27.6 V	Enclosed V1: 4.0 A B+: 1.5 A L Frame V1: 4.3 A B+: 1.2 A	151 W	90-132 Vac, 180-264 Vac (Selectable by Switch)	178 x 97 x 38	7.01 x 3.82 x 1.50
	PMU-27V155W☐CA				151 W		178 x 97 x 38	7.01 x 3.82 x 1.50

*DC input is certified for selected models.

Model Numbering

PMR Series

PM	R –	XXV	320W	☐	☐	A
Panel Mount	**Product Series** R - Standard Rack Type Series (1U)	**Output Voltage** 4 - 4V 5 - 5V	**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
PM	**R –**	**XXV**	**320W**	**1**	**A**	**T**
Panel Mount	**Product Series** R - Standard Rack Type Series (1U)	**Output Voltage** 12 - 12 V 24 - 24 V 36 - 36 V 48 - 48 V	**Output Power**	Single Phase	**Family Code** A	**Connector Type** T - Terminal Block

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

PMU Series

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

To learn more about panel mount power supply, please visit www.DeltaPSU.com for latest product updates.

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