

PROmax Power Supplies

Power for Your Toughest Demands!

Power Boost

Powerful Output Surge Capability:
up to 300% min for 2ms

Status Output

Integrated contact output

Narrow Widths

Minimize rail space. No gaps needed.

Ready for Harsh Environments

Rated -25° to +70°C

Worldwide Approvals

Approved for applications around the world



Weidmüller 

Applications

Our PROeco switched-mode power supply units are characterized by their compact design, a high degree of efficiency and the fact that they are extremely easy to service. Thanks to over temperature protection, short-circuit and overload protection, they can be universally used in all applications.

Technical Data

Product Name	Input				Output			Additional features					Dimensions	Approvals/marks	Part Number
	Single phase	Three phase	AC (V)	DC (V)	DC (V)	Rated output current (A)	Rated power (W)	Status relay	Parallel connection option	LED DC OK	LED prewarning	LED fault	W x H x D (mm)		
ProEco															
PRO ECO 72W 24V 3A	X		85..264	80...370	24	3	72	X	yes, max. 5	X	X	X	34 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469470000
PRO ECO 120W 24V 5A	X		85..264	80...370	24	5	120	X	yes, max. 5	X	X	X	40 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469480000
PRO ECO 240W 24V 10A	X		85..264	80...370	24	10	180	X	yes, max. 5	X	X	X	60 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469490000
PRO ECO 480W 24V 20A	X		85..264	80...370	24	20	240	X	yes, max. 3	X	X	X	100 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469510000
PRO ECO 960W 24V 40A	X		85..264	80...370	24	40	480	X	yes, max. 3	X	X	X	160 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469520000
PRO ECO3 120W 24V 5A		X	340...575	450...870	24	5	960	X	yes, max. 5	X	X	X	40 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469530000
PRO ECO3 240W 24V 10A		X	340...575	450...870	24	10	240	X	yes, max. 5	X	X	X	60 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469540000
PRO ECO3 480W 24V 20A		X	340...575	450...870	24	20	120	X	yes, max. 3	X	X	X	100 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469550000
PRO ECO3 960W 24V 40A		X	340...575	450...870	24	40	240	X	yes, max. 3	X	X	X	160 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469560000
PRO ECO 72W 12V 6A	X		85..264	80...370	12	6	72	X	yes, max. 5	X	X	X	34 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469570000
PRO ECO 120W 12V 10A	X		85..264	80...370	12	10	120	X	yes, max. 5	X	X	X	40 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469580000
PRO ECO 240W 48V 5A	X		85..264	80...370	48	5	240	X	yes, max. 5	X	X	X	100 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469590000
PRO ECO 480W 48V 10A	X		85..264	80...370	48	10	480	X	yes, max. 3	X	X	X	160 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469610000
Product Name	Description														

Extension Modules

PRO DM 10 (diode module)	Diode module 2x10A for redundancy power	4...48	$U_{IN} - 0.7$										32 x 125 x 125	CE; TÜV; cULus	8710620000
PRO DM 20 (diode module)	Diode module 2x20A for redundancy power	5...48	$U_{IN} - 0.7$										32 x 125 x 115	CE; TÜV; cULus	8768650000
PRO RM40 (diode module)	MOFSET 2x40A for redundancy power	10...32	$U_{IN} - 0.16$					X		X			62 x 130 x 125	CE; TÜV; cULus; UL Class1 Div2	1222220000
CP M CAP (capacity module)	Capacitor module for MCB tripping	18...30	U_{IN}					X		X			34 x 130 x 150	CE; TÜV; cURus; cULus; GL	1222240000
CP DC UPS 24V 20A/10A (uninterruptible power supply)	DC UPS for 10/20 A	20...30	$U_{IN} - 0.2/0.3$	10/20	240/480	X	yes, max. 2	X	X	X			66 x 130 x 150	CE; TÜV; cURus; cULus; GL	1370050010
CP DC UPS 24V 40A (uninterruptible power supply)	DC UPS for 40 A	20...30	$U_{IN} - 0.2/0.3$	40	960	X	yes, max. 2	X	X	X			66 x 130 x 150	CE; TÜV; cURus; cULus; GL	1370040010

Information

Information is available for download on the web at **www.weidmuller.com/powersupplies**.

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Technical Features PROmax

Power Boost	300% 2ms, 150% 4s and 120% 1 min. ($\leq 45^{\circ}\text{C}$ continuously)
Efficiency	92%
Derating	> 60°C
Side-by-side Mounting	without any space
Series Operation	yes
Overvoltage Category	III
Vibration	2.3g (metal foot)