

# connectPower PROeco Power Supplies

Extremely compact design and outstanding performance features

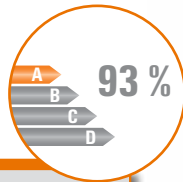
## Rapid Status Diagnosis

The tricolor LED and status relay provide status and error notification during installation and use.



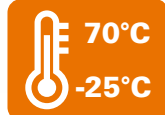
## Noticeably Energy-Saving

High efficiency of up to 93%



## Robust and Reliable

Temperature operating range from -25 °C to +70 °C, and High MTBF of > 500,000 hours



## Power Supply Solution

Configure an application specific solution with uninterruptible DC UPS, diode modules and CAP modules



## Extremely Compact

The compact design saves up to 50% space in the cabinet.



Let's connect.

[www.weidmuller.com](http://www.weidmuller.com)

**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.

Solutions featuring PROeco are characterized by extensive safety functions and compatibility with our diode modules, capacity modules and UPS components for setting up a redundant power supply.

Product Name	Input		Output				Additional features				Dimensions W x H x D (mm)	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
<b>ProEco</b>															
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	<b>1469470000</b>
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	<b>1469480000</b>
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	<b>1469490000</b>
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	<b>1469510000</b>
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	<b>1469520000</b>
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	<b>1469530000</b>
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	<b>1469540000</b>
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	<b>1469550000</b>
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	<b>1469560000</b>
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	<b>1469570000</b>
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	<b>1469580000</b>
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	<b>1469590000</b>
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	<b>1469610000</b>
<b>Product Name</b>	<b>Description</b>														
<b>Extension Modules</b>															
CP DM 10 (diode module)	Diode module 10A for redundancy power		10...40	$U_{IN} - 0.7$									55.5 x 125 x 110	CE; TÜV; cURus; cULus	<b>8710620000</b>
CP DM 20 (diode module)	Diode module 20A for redundancy power		10...40	$U_{IN} - 0.7$									55.5 x 125 x 110	CE; TÜV; cURus; cULus	<b>8768650000</b>
CP M DM40 (diode module)	Diode module 40A for redundancy power		18...30	$U_{IN} - 0.7$				X		X			60 x 130 x 150	CE; TÜV; cURus; cULus; GL	<b>1222220000</b>
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	<b>1222240000</b>
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	<b>1370050010</b>
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	<b>1370040010</b>

## Information

Information is available for download on the web at [www.weidmuller.com](http://www.weidmuller.com).

Printed catalog versions are also available and can be ordered online.

Ref. No.	Description
<b>LIT1402</b>	connectPower PROeco Power Supplies Datasheet
<b>1460790000</b>	Catalog 4.3 2014/2015

### Weidmuller, Canada

10 Spy Court  
Markham, Ontario L3R 5H6  
Telephone: (800) 268-4080  
Facsimile: (877) 300-5635  
Email: info1@weidmuller.ca  
Website: www.weidmuller.ca

### Weidmuller, Mexico

Bldv. Hermanos Serdán 698,  
Col. San Rafael Oriente  
Puebla, Puebla, Mexico  
C.P. 72029  
Telephone: 01 222 2686267  
Facsimile: 01 222 2686219  
Email: clientes@weidmuller.com.mx  
Website: www.weidmuller.com.mx

### Weidmuller, United States

821 Southlake Blvd.  
Richmond, Virginia 23236  
Telephone: (800) 849-9343  
Facsimile: (804) 379-2593  
Email: info@weidmuller.com  
Website: www.weidmuller.com