

PROeco II — High Performance & Efficiency for Power Management Systems

Power supplies

Introducing Weidmüller's PROeco II Power Supplies

Deploying next-generation power distribution

All industry automation solutions begin with a reliable power supply. Now, the Weidmüller Connect Power PROeco II line is here to deliver the next generation of power distribution.

Designed with flexibility and efficiency in mind, these second-generation power supplies meet the demands of modern industry with improved efficiency of up to 95%, reducing energy usage and waste heat generation from the prior generation.

Additionally, the new line offers: a compact form factor, reducing space needed by 15%, a three-color signaling LED for prompt, accurate servicing and improved MTBF values for extended usage. The series is compatible with DC UPS, electronic load monitoring and diode modules and is suitable for setting up power management systems. Developed to improve upon first-generation applications, PROeco II even allows for seamless deployment into preexisting designs.

These advantages, delivered at a highly competitive price, position the PROeco II line of power supplies as an extremely flexible and capable solution, ready to supply the next generation of industrial design.

Approvals



Industries & Applications



Robust & durable

- PROeco II power supplies operate reliably in a wide temperature range — startup at -40°C
- A long lifetime expectancy with a high MTBF value of > 1,000,000 hours



Space & energy-saving

- At 32 mm wide & 100 mm depth, PROeco II fits into compact control cabinets
- Save energy with up to 95% efficiency & extremely low idle power consumption



Simple & fast status diagnostics

- Analyze its condition easily during commissioning and operation with the tricolor LED and status relay

PROeco 2nd Generation

Continuous power in all applications



Ordering Data

Type	Input		Output		Efficiency (%)	Relay status	Parallel connection option	LED DC OK	Dimensions HxWxD	Weight (g)	Approvals	Order no.
	AC (V)	DC (V)	DC (V)	Rated current (A)								
PRO ECO 72W 24V 3A II	85...264	110...370	22...28	3	72	88%	x	Yes, max. 3	x	130x32x100mm	440	3025560000
PRO ECO 120W 24V 5A II	85...264	110...370	22...28	5	120	89%	x	Yes, max. 3	x	130x35x100mm	510	3025570000
PRO ECO 240W 24V 10A II	85...264	110...370	22...28	10	240	94%	x	Yes, max. 3	x	130x52x100mm	698	3025580000
PRO ECO 480W 24V 20A II	85...264	110...370	22...28	20	480	95%	x	Yes, max. 3	x	130x59x125mm	1230	3025590000
PRO ECO 960W 24V 40A II	85...264	110...370	22...28	40	960	94%	x	Yes, max. 3	x	130x112x150mm	3097	3025600000
PRO ECO 960W 48V 20A II	85...264	110...370	35...56	20	960	94%	x	Yes, max. 3	x	130x112x150mm	3100	3025610000
PRO ECO3 120W 24V 5A II	3 x 320... 3 x 575	450...800	22...28	5	120	88%	x	Yes, max. 3	x	130x31x125mm	565	3025620000
PRO ECO3 240W 24V 10A II	3 x 320... 3 x 575	450...800	22...28	10	240	89%	x	Yes, max. 3	x	130x48x125mm	770	3025630000
PRO ECO3 480W 24V 20A II	3 x 320... 3 x 575	450...800	22...28	20	480	93%	x	Yes, max. 3	x	130x60x125mm	1165	3025640000
PRO ECO3 480W 48V 10A II	3 x 320... 3 x 575	450...800	35...56	10	480	95%	x	Yes, max. 3	x	130x60x125mm	1165	3025650000
PRO ECO3 960W 24V 40A II	3 x 320... 3 x 575	450...800	22...28	40	960	93%	x	Yes, max. 3	x	130x110x150mm	2490	3025660000
PRO ECO3 960W 48V 20A II	3 x 320... 3 x 575	450...800	35...56	20	960	95%	x	Yes, max. 3	x	130x110x150mm	2540	3025670000

Supporting products in power management solutions



u-remote: IP20 Remote I/O System

u-remote provides a configurable, simple I/O solution across multiple platforms. With 11 different coupler options, u-remote offers a solution for almost any network. With our large collection of I/O cards, u-remote IP20 can be customized to fit any application.



VARITECTOR: Lightning & Surge Protection

Weidmüller develops customized surge protection solutions with maximum efficiency and investment protection. Our reliable surge protection devices are available for energy systems, I&C components and data interfaces.



topGUARD & maxGUARD: Electronic Load Monitoring

Intelligent and innovative solutions for reliable load monitoring in control voltage distribution. The combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50%.

Discover more about Weidmüller's power supplies!

Contact your local Weidmüller sales representative today at www.weidmuller.com/sales



Discover more at
www.weidmuller.com/powersupplies

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