

# easyPower Switched-Mode Power Supply Units – High Performance in a Compact Design

**xControl**



- Suitable for worldwide use due to wide range input from 85 V to 264 VAC, 50/60 Hz
- Output voltages can be connected in parallel to increase power output or for redundant operation to achieve greater system availability
- Compliance with international standards and approvals

easyPower supply units are primary switched-mode power supplies that are optimally adapted to the easyRelay, easyControl and easySafety product series in terms of functions and design. The new and high-performance power supply units support safe operation in plants and machines. They are simple and flexible in handling.

Fast diagnosis of the voltage output: Continuous light on the LED – fault-free operation, flashing on the LED – short circuit or overload on voltage output.

The primary switched-mode power supply units can be used everywhere:

- Safety extra low voltage (SELV to EN 60 950),
- Radio interference class B to EN 55 011 and EN 55 022 for use in industrial and public networks.

**MOELLER** 

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# easyPower Switched-Mode Power Supply Units Technical Data



EASY200-POW



EASY430-POW



EASY500-POW

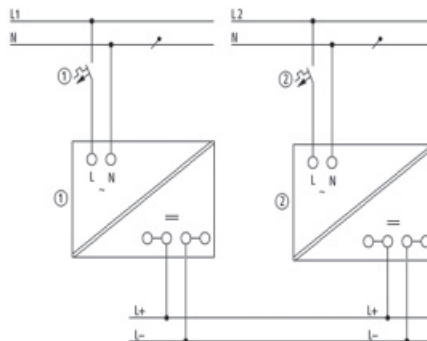


EASY600-POW

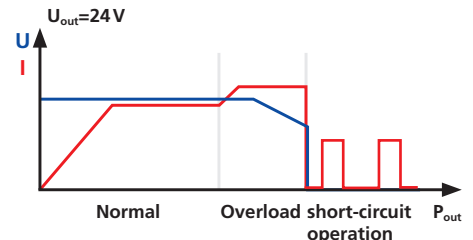
	EASY200-POW 24 V 350 mA 12 V / 20 mA	EASY430-POW 24 V / 1.25 A	EASY500-POW 24 V / 2.5 A	EASY600-POW 24 V / 4.2 A
<b>Input</b>	Single phase AC			
Nominal voltage	AC 100 –240 V			
Voltage range	85–264 V AC			
Frequency range	47– 63 Hz			
<b>Output</b>				
Rated output current	0.35 A (24 V) 20 mA (12 V)	1.25 A (24 V)	2.5 A (24 V)	4.2 A (24 V)
Can be connected in parallel to increase power or for redundancy	–	Yes	Yes	Yes
<b>Protection</b>				
Use of current limit	$> 1.2 \times I_{rated}$			
Overload-proof	Yes, with current limit			
Reduction of output voltage after current limiting	$< 18 V$			
Resistant to continuous short-circuit	Yes, hiccup mode, approx. 10 Hz			
<b>Dimensions</b> in mm (W x H x D)	35.5 x 90 x 58	71.5 x 90 x 58		107.5 x 90 x 58
<b>Status indication</b>	–	LED = green for output voltage, current fault-free LED = flashing fault, overload, short-circuit		
<b>Standards, certification</b>	EN 55011, EN 55022, IEC/EN 61000-4, IEC 60068-2-27, SELV output voltage $U_{out}$ to EN 60950 and EN 50178 CE, UL, CSA			

- 45mm standard front dimension, optimally adapted to the design of service distribution boards
- Simple mounting on 35 mm top-hat rail
- Compact dimensions and low weight

Output voltages can be connected in parallel to increase output or for redundant operation to increase system availability



High device safety due to integrated protection such as overload safety and continuous short circuit current rating



Powering Business Worldwide



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