

PS110.H (DIN rail, 110W) – 2 outputs

- ☑ Input voltage 230V~50Hz
- ☑ Output voltages 13.8V & 24V or 48V DC – common ground / 110W output power
- ☑ Only 1x 12V backup battery
- ☑ IUoU temperature controlled charging curve
- ☑ 4 levels charging current setting
- ☑ Signaling - mains failure, battery capacity < 50%
- ☑ Standards: EN 60950, EN 55032



The PS110.H backup power supply is designed for reverse supply 12V/8A and 24V/4A or 48V/2A. The total output power is 110W. In case of mains failure, the connected 12V battery provides the uninterruptable backup supply on both outputs. When the battery capacity drops to a critical level, the power supply will ensure its correct disconnection. After the mains powers up, the battery will be automatically recharged to its full capacity. The charging current can be set in at 4 levels according to used battery.

LEDs on the front panel informs about the output voltages status and battery condition. Remote signaling indicates the mains failure and the battery condition < 1/2.

Model specification:

- PS110.H XXxxYYyy – H = DIN rail mounting, XXxx = nominal output voltage 1 and 2, YYyy = maximum output current 1 and 2

Installation position is on a horizontal DIN rail, venting slits are above and below. The 3-wire input plug allows connection with a wire cross-section up to 2.5 mm². Outputs, signalization, battery allow connection with wire cross-section up to 2.5 mm².

MODEL SPECIFICATION	PS110.H 12240804 13.8V(8A), 24V(4A)	PS110.H 12480802 13.8V(8A), 48V(2A)
Input voltage	230V~50Hz	230V~50Hz
Output voltage	13.8V(8A); 24V(4A)	13.8V(8A), 48V(2A)
Output power	110W	110W
Efficiency	90%	90%
Insulation strength input / output	4kV	4kV
Operating temperature	-25°C - +60°C	-25°C - +60°C
Output voltage stability	± 1%	± 1%
Temperature compensation	-17mV / °C / battery	-17mV / °C / battery
Air flow	Convection	Convection
Battery charge voltage	13.8V	13.8V
Charge current (setting in 4 levels)	1.6A, 2.1A, 3.5A, 5.6A	1.6A, 2.1A, 3.5A, 5.6A
LVD (low voltage disconnect)	10.3V	10.3V
Mounting type	DIN rail	DIN rail
Dimensions W x H x D (mm)	60 x 128 x 134 mm	60 x 128 x 134 mm
Weight (kg)	0.58 kg	0.58 kg
Degree of protection	IP20	IP20
Part No.	IP.4132.633.03	IP.4132.633.04