

## PS1000.H (DIN rail, 870W) 1(2) outputs

## BACK UP POWER SUPPLIES

- ☑ Input voltage 230V~50Hz
- ☑ -30°C - +60°C
- ☑ Output voltages 13.8V, 27.6V, 55.2V or 27.6V/48V / 870W output power
- ☑ IU temperature controlled charging curve
- ☑ Signaling: mains failure, battery capacity < 50%
- ☑ Mounting type: DIN rail
- ☑ Standards: EN 60950, EN 55032



Backup power supply of PS1000.H type with 1 (2) output voltage is designed for reverse supply 12V, 24V, 48V or 24/48V up to 870W total. In case of mains failure, the connected battery provides the backup supply of connected load. The charging voltage is thermally controlled. PS1000.H 24482503 contains an additional DC/DC converter to 48V (3A) with galvanically isolation from 24V.

LEDs on the front panel inform about from mains or “ON battery” operation. Remote signaling indicates mains failure and battery capacity < 1/2.

Model specification:

PS1000.H XXxxYYyy – H = DIN rail mounting, XXxx = nominal output voltage 1 (2), YYyy = maximum output current 1 (2).

Installation position is on a horizontal DIN rail, venting slits are above and below. The 3-wire input plug allows connection with wire cross-section up to 2.5 mm<sup>2</sup>. The main output and battery terminals are doubled. All terminals allow connection with wire cross-section up to 2.5 mm<sup>2</sup>.

MODEL SPECIFICATION	PS1000.H 1225	PS1000.H 2425	PS1000.H 4815	PS1000.H 24482503
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage	13.8V(25A)	27.6V(25A)	55.2V(15A)	27.6V(25A) / 48V(3A)
Output power	360W	720W	870W	720W
Efficiency	88%	92%	94%	92%
Insulation strength input / output	4kV	4kV	4kV	4kV
Operating temperature	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C
Local signalization	LED – Mains / On battery	LED – Mains / On battery	LED – Mains / On battery	LED – Mains / On battery
Remote signalization	Mains failure battery capacity < 1/2	Mains failure battery capacity < 1/2	Mains failure battery capacity < 1/2	Mains failure battery capacity < 1/2
Parallel operation	No	No	No	No
Cooling	Forced	Forced	Forced	Forced
Overtemperature protection	85°C	85°C	85°C	85°C
Battery charge current	25A	25A	15A	25A
Temperature compensation	-17mV / °C / battery	-33mV / °C / battery	-66mV / °C / battery	-33mV / °C / battery
LVD (low voltage disconnect)	10.5V	21V	42V	21V
Mounting type	DIN rail	DIN rail	DIN rail	DIN rail
Dimensions WxHxD (mm)	76 x 218 x 136 mm	76 x 218 x 136 mm	76 x 218 x 136 mm	90 x 218 x 136 mm
Weight (kg)	1.5 kg	1.5 kg	1.5 kg	1.6 kg
Degree of protection	IP20	IP20	IP20	IP20
Part No.	IP.4131.633.12	IP.4131.633.11	IP.4131.633.13	IP.4132.633.15