

LS110.H (DIN rail, 280W) 1(2) outputs, SNMP, automatic capacity test BACK UP POWER SUPPLIES

- ☑ Input voltage 230V~50Hz, active PFC, -30°C - +60°C
- ☑ Output voltages 13.8V, 27.6V, 55.2V or 27.6V/48V / 280W output power
- ☑ IUoU temperature controlled charging curve
- ☑ Signaling: mains failure, battery capacity < 50%
- ☑ SNMP with WEB page, 2x IP watchdog, automatic/manual reboot of connected devices, events history, manual or automatic battery capacity test (monthly, ¼ ½, 1x yearly)
- ☑ Mounting type: DIN rail;
- ☑ Standards: EN 60950, EN 61000-3-2, EN 55032



Backup power supply of LS110.H type with 1 (2) output voltage is designed for reverse supply 12V, 24V, 48V or 24/48V up to 280W total. It disposes with a converter built in most advanced technology of the energy conversion with respect to maximum efficiency. In case of mains failure, the connected 24V battery provides the backup supply of connected load. The charging voltage is thermally controlled.

LEDs on the front panel inform about the mains, output voltage, charging and battery condition status. Remote signaling indicates mains failure and battery capacity < ½. The SNMP adapter with its own WEB page sends traps, e-mails and gives information about the whole power system. It allows monitoring up to two binary states – relay contacts and it can control two independent relays (reboot by watchdog of IP address, manual ON/OFF or any power supply failure). SNMP agent allows to execute battery capacity test with own connected load manually or automatically with period 1x per month, ¼, ½, or 1x per year and it sends traps and e-mails with capacity test results.

Model specification:

LS110.H(S) XXxxYYyy – H = DIN rail mounting, S = SNMP with WEB, 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 wire cross-section up to 2.5 mm². Outputs, relays, battery and power source signaling plug allow connection with wire cross-section up to 2.5 mm². RJ45 connects LAN network.

MODEL SPECIFICATION	LS110.H 2410	LS110.HS 2410 SNMP	LS110.H 4805	LS110.HS 4805 SNMP	LS110.H 24481002	LS110.HS 24481002 SNMP
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage	27.6V(10A)	27.6V(10A)	55.2V(5A)	55.2V(5A)	+27.6V(10A), -48V(2A)	+27.6V(10A), -48V(2A)
Output power	280W	280W	280W	280W	280W/100W	280W/100W
Efficiency	93%	93%	93%	93%	93% / 27.6V 91% / 48V	93% / 27.6V 91% / 48V
Insulation strength input / output	4kV	4kV	4kV	4kV	4kV	4kV
Operating temperature	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C
Local signalization	LED	LED, SNMP	LED	LED, SNMP	LED	LED, SNMP
Remote signalization	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP
Parallel operation	No	No	No	No	No	No
Air flow / Overtemperature protection	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C
Battery charge current	2A	2A	2A	2A	2A	2A
LVD (low voltage disconnect)	21V / 10A	21V / 10A	42V / 5A	42V / 5A	21V / 10A	21V / 10A
Dimensions WxHxD (mm)	60 x 128 x 134 mm	100 x 128 x 134 mm	60 x 128 x 134 mm	100 x 128 x 134 mm	100 x 128 x 134 mm	100 x 128 x 134 mm
Weight (kg)	0.8kg	0.9kg	0.8kg	0.7kg	0.7kg	0.8kg
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20
Part No.	IP.4131.633.93	IP.4131.633.94	IP.4131.633.95	IP.4131.633.96	IP.4132.633.97	IP.4132.633.98