

# LS110.JS (19" 1U, 280W), SNMP, 2x PoE 1Gb

# BACK UP POWER SUPPLIES with PoE

- ☑ Input voltage 230V ~ 50Hz, active PFC, with 2x 1Gb passive PoE
- ☑ 1÷3 output voltages 24V, 48V, 150V (DC conv. for supply devices with AC input 100÷230V~50/60Hz)
- ☑ IUoU temperature controlled charging curve
- ☑ Signaling: mains failure, battery capacity < ½, PoE mode and supply voltage
- ☑ 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)
- ☑ Standards: EN 60950, EN 61000-3-2, EN 55032



The backup power supply of LS110.JS type with 1 (2, 3) output voltages and 2x passive 1Gb PoE unit is designed for reverse supply 24V or 48V or combination of them 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 (48V) battery provides the backup supply of connected load. The charging voltage is thermally controlled. Special feature is a DC converter 150VDC/100W to supply device with input voltage 100÷230VAC~50(60) Hz.

LEDs on the front panel inform about the mains, output voltage, charging and battery condition status, PoE mode and supply voltage. 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.J(S) XXxxXXYYyyYY – J = 19", S = SNMP with WEB, XXxxXX = nominal output voltage 1 (2, 3), YYyyYY = maximum output current 1 (2, 3).

The LS110.JS is designed to 19" frames. Input connection is from the rear of the device. The output, relay contacts, battery are connected via removable connectors with a cross section of up to 2.5mm<sup>2</sup> on the front panel, as well as a LAN and PoE RJ45 plugs. The 150VDC (100-230V ~ 50Hz devices) output is on the rear. The grounding terminal is on the rear panel separately and also on the main output connector. Setting the PoE modes is at the top via jumpers. It is possible to set voltage (24V or 48V operation for each PoE), A, B and A+B for PoE+ standards. Both LAN and PoE are surge protected.

MODEL SPECIFICATIONS	LS110.JS 2448150100201 PoE(2x) SNMP, WEB, 2xPoE	LS110.JS 2448150100301 PoE(2x) SNMP, WEB, 2xPoE	LS110.JS 48025 PoE(2x) SNMP, WEB, 1xPoE	LS110.JS 4805 PoE(2x) SNMP, WEB, 2xPoE	LS110.JS 48240504 PoE(2x) SNMP, WEB, 2xPoE	LS110.JS 481500501 PoE(2x) SNMP, WEB, 2xPoE
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage / current	+27.6V(5A); -48V(2A); 150V(0.6A)	+27.6V(5A); -48V(3A); 150V(0.6A)	+55.2V(2.5A)	+55.2V(5A)	-55.2V(5A); +27.6V(4A); 150V(0.6A)	-55.2V(2A); 150V(0.6A)
Output power max. / conv.	280W/100W/100W	280W/150W/100W	150W	280W	280W/100W/100W	280W/100W
Dielectric 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 signaling	LED, SNMP, WEB	LED, SNMP, WEB	LED, SNMP, WEB	LED, SNMP, WEB	LED, SNMP, WEB	LED, SNMP, WEB
Remote signaling	Mains failure Battery capacity <1/2	Mains failure Battery capacity <1/2	Mains failure Battery capacity <1/2	Mains failure Battery capacity <1/2	Mains failure Battery capacity <1/2	Mains failure Battery capacity <1/2
Cooling /Overtemperature	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C
Battery charging current	2A	2A	2A	2A	2A	2A
Battery (lead acid) / LVD	24V / 21V	24V / 21V	48V / 42V	48V / 42V	24V / 21V	24V / 21V
Dimensions W x H x D (mm)	436 x 45 x 150 mm	436 x 45 x 150 mm	436 x 45 x 150 mm	436 x 45 x 150 mm	436 x 45 x 150 mm	436 x 45 x 150 mm
Weight (kg)	1,65kg	1,65kg	1,4kg	1,5kg	1,6kg	1,6kg
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20
Part No.	IP.4134.763.114	IP.4134.763.115	IP.4131.763.117	IP.4131.763.110	IP.4134.763.123	IP.4134.763.129