

LS110.JS (19" 1U, 150W), SNMP, 2 PoE 1Gb

BACK UP POWER SUPPLY WITH PoE

- ☒ Input voltage 230V~50Hz, PFC
- ☒ Output voltage +24V, -48V, DC/DC converter 100W for to supply devices with 100-230V~50/60Hz
- ☒ 2x passive PoE 1Gb 83W with overvoltage protection
- ☒ -30°C - + 60°C, boost, temperature compensated battery charging, battery capacity (autonomy) test
- ☒ SNMP with WEB page, NTP server, e-mail server, IP watchdog with auto restart
- ☒ Mounting type: 19" /1U
- ☒ Standards: Electrical safety - EN 60950, EMC - EN 61000-3-2, EN 55022



The backup power supply of LS110 type with 1 (3) output voltages is designed for rack mount reverse supply +24V, -48V and devices up to 100W with supply voltage 100-230VAC. It contains 2 passive PoE 1Gb 83W modules. It disposes with a converter built in most advanced technology of the energy conversion with respect to maximum efficiency. The total output power is 150W. In case of mains failure, the connected 24V(48V) battery provides the backup supply of connected load. After the mains powers up, the backup power supply ensures boost battery charging to its full capacity. The charging voltage is thermally compensated.

LEDs on the front panel inform about the mains status, output voltages status, boost charging mode and battery condition. Remote signaling indicates mains failure and battery condition < 1/2. The SNMP agent with its own WEB page sends traps and e-mails and informs about the whole power system status. It allows monitoring up to two binary inputs and it can control two independent relays (watchdog of 2x IP addresses, manual ON/OFF or any power supply failure). You can execute battery capacity test manually or scheduled.

The LS110 is 1 unit high and is designed for rack mount. Connection to the mains is through flexible cable on the rear. Plug for devices up to 100W with supply voltage 100-230VAC is also on the rear. All other connections, Ethernet, LAN and PoE RJ45 connections are on the front. Extra grounding terminal is through a screw on the rear.

To set a PoE mode - A, B or A+B and the operation voltage (24V or 48V) is possible via jumpers on the top for each PoE modul separately. The mode and supply voltage settings is indicated via LEDs. LAN input and PoE output is overvoltage protected.

MODEL SPECIFICATION	LS110.JS 48025 PoE(2x) SNMP, WEB, 2xPoE	LS110.JS 2448150050201 PoE(2x) SNMP, WEB, 2xPoE
Input voltage	230V~50Hz	230V~50Hz
Output voltage	+55.2V(2.5A)	+27.6V(5A); -48V(2A); 150V(0.6A)
A, B, A+B – PoE	2x 1Gbps / 1.4A	2x 1Gbps / 1.4A
Output power	150W	150W/100W/100W
Efficiency	91%	93%
Dielectric strength input/output	4kV	4kV
Operating temperature	-30°C - +60°C	-30°C - +60°C
Local signaling	LED, SNMP, WEB	LED, SNMP, WEB
Remote signaling	Mains failure Battery capacity is < 1/2	Mains failure Battery capacity is < 1/2
Cooling / Overtemperature protection	Temperature controlled fan / 85°C	Temperature controlled fan / 85°C
Battery / charging current	48V / 2A	24V / 2A
LVD	42V / 2.5A	21V / 5A
Dimensions W x H x D (mm)	436 x 45 x 150 mm	436 x 45 x 150 mm
Weight	1,45kg	1,6kg
Degree of protection	IP20	IP20
Part No.	IP.4131.763.117	IP.4134.763.88