

LS110.J(S) (19" 1U, 150W) 1(2) output voltages, SNMP

BACK UP POWER SUPPLIES

- ☒ Input voltage 230V~50Hz, PFC
- ☒ Output voltage +24V, -48V
- ☒ -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 (44mm)
- ☒ Standards: Electrical safety - EN 60950, EMC - EN 61000-3-2, EN 55022



The backup power supply of LS110 type with 1 (2) output voltages is designed for rack mount reverse supply +24V, -48V. 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 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 address, 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. All other connections, Ethernet connection are on the front. Extra grounding terminal is on front connector or through a screw on the rear.

MODEL SPECIFICATION	LS110.J 2405	LS110.JS 2405 SNMP	LS110.J 24480502	LS110.JS 24480502 SNMP
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage	27.6V(5A)	27.6V(5A)	+27.6V(5A); -48V(2A)	+27.6V(5A); -48V(2A)
Output power	150W	150W	150W/100W	150W/100W
Efficiency	93%	93%	91%	91%
Insulation strength input / output	4kV	4kV	4kV	4kV
Operating temperature	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C
Local signaling	LED	LED	LED	LED
Remote signaling	Mains failure battery capacity < 1/2	Mains failure battery capacity < 1/2 SNMP	Mains failure battery capacity < 1/2	Mains failure battery capacity < 1/2 SNMP
Parallel operation	No	No	No	No
Air flow / Overtemperature protection	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C
Battery charge current	2A	2A	2A	2A
LVD (low voltage disconnect)	21V / 5A	21V / 5A	21V / 5A	21V / 5A
Dimensions WxHxD (mm)	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm
Weight (kg)	1.2kg	1.35kg	1.25kg	1.4kg
Degree of protection	IP20	IP20	IP20	IP20
Part No.	IP.4131.763.89	IP.4131.763.90	IP.4132.763.91	IP.4132.763.92