

LS110.J(S) (19", 280W) 1(2) outputs, SNMP, automatic capacity test **BACK UP POWER SUPPLIES**

- ☐ Input voltage 230V~50Hz, active PFC, -30°C - +60°C
- ☐ Output voltages 27.6V, 55.2V, +27.6V/-48V, +27.6V/-48V/150V, -55.2V/24V/150V / 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: 19" 1U; Standards: EN 60950, EN 61000-3-2, EN 55032



Backup power supply of LS110.J(S) type with 1 (2, 3) output voltage 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. 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).

LS110.J is designed for 19" rack mounting. Connection to the mains is through flexible cable on the rear panel. 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.J 2410	LS110.JS 2410 SNMP	LS110.J 24481002	LS110.JS 24481002 SNMP	LS110.J 2448150100201	LS110.JS 2448150100201 SNMP	LS110.J 4805	LS110.JS 4805 SNMP	LS110.JS 4824150050401 SNMP	LS110.J 481500501	LS110.JS 481500501 SNMP
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage	27.6V(10A)	27.6V(10A)	+27.6V(10A) -48V(2A)	+27.6V(10A) -48V(2A)	+27.6V(10A) -48V/2A, 150V(0.6A)	+27.6V(10A) -48V/2A, 150V(0.6A)	-55.2V(5A)	-55.2V(5A)	-55.2V(5A) 24V(4A), 150V(0.6A)	-55.2V(5A) 150V(0.6A)	-55.2V(5A) 150V(0.6A)
Output power	280W	280W	280W/100W	280W/100W	280W/100W/100W	280W/100W/100W	280W	280W	280W/100W/100W	280W/100W	280W/100W
Efficiency	93%	93%	93%	93%	93%	93%	91%	91%	91%	91%	91%
Insulation strength in /output	4kV	4kV	4kV	4kV	4kV	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	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C
Local signalization	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
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	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP	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	No	No	No	No	No
Air flow / Overtemperature protection	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C
Battery charge current	2A	2A	2A	2A	2A	2A	2A	2A	2A	2A	2A
LVD (low voltage disconnect)	21V / 10A	21V / 10A	21V / 10A	21V / 10A	21V / 10A	21V / 10A	42V / 5A	42V / 5A	42V / 5A	42V / 5A	42V / 5A
Dimensions WxHxD (mm)	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm
Weight (kg)	1.2kg	1.45kg	1.35kg	1.5kg	1.4kg	1.55kg	1.3kg	1.45kg	1.55kg	1.35kg	1.5kg
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Part No.	IP.4131.763.99	IP.4131.763.100	IP.4132.763.105	IP.4132.763.106	IP.4133.763.107	IP.4133.763.108	IP.4131.763.101	IP.4131.763.102	IP.4133.763.133	IP.4132.763.103	IP.4132.763.104