

LS110.J(S) (19" 1U, 280W) 1(2) output voltages, SNMP

BACK UP POWER SUPPLIES

- 🔌 Input voltage 230V~50Hz, PFC
- 🔌 Output voltage +24V, -48V, DC/DC converter 100W for to supply devices with 100-230V~50/60Hz
- 🔌 -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, 3) output voltages is designed for rack mount reverse supply +24V, -48V and devices up to 100W with supply voltage 100-230VAC. It disposes with a converter built in most advanced technology of the energy conversion with respect to maximum efficiency. The total output power is 280W. 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 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. Plug for devices up to 100W with supply voltage 100-230VAC is also on the rear panel. All other connections, Ethernet, connections are on the front. Extra grounding terminal is on front connector or through a screw on the rear.

MODEL SPECIFICATION	LS110.J 2410	LS110.JS 2410 SNMP	LS110.J 4805	LS110.JS 4805 SNMP	LS110.J 481500501	LS110.JS 481500501 SNMP	LS110.J 24481002	LS110.JS 24481002 SNMP	LS110.J 2448150100201	LS110.JS 2448150100201 SNMP
Input voltage	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)	55.2V(5A)	55.2V(5A)	55.2V(5A)	55.2V(5A) 150V(0.6A)	+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)
Output power	280W	280W	280W	280W	280W/100W	280W/100W	280W/100W	280W/100W	280W/100W/100W	280W/100W/100W
Efficiency	93%	93%	91%	91%	91%	91%	93%	93%	93%	93%
Operating temp.	-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 signaling	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Remote signaling	Mains failure Batt.capacity < 1/2	Mains failure Batt.capacity < 1/2, SNMP	Mains failure Batt.capacity < 1/2	Mains failure Batt.capacity < 1/2, SNMP	Mains failure Batt.capacity < 1/2	Mains failure Batt.capacity < 1/2, SNMP	Mains failure Batt.capacity < 1/2	Mains failure Batt.capacity < 1/2, SNMP	Mains failure Batt.capacity < 1/2	Mains failure Batt.capacity < 1/2, SNMP
Parallel operation	No	No	No	No	No	No	No	No	No	No
Air flow / Overtemp. protect.	Convection / 85°C	Convection / 85°C	Convection / 85°C	Convection / 85°C	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	2A	2A	2A	2A
LVD (low voltage disconnect)	21V / 10A	21V / 10A	42V / 5A	42V / 5A	42V / 5A	42V / 5A	21V / 10A	21V / 10A	21V / 10A	21V / 10A
Dimensions WxHxD (mm)	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm
Weight (kg)	1.2kg	1.45kg	1.3kg	1.45kg	1.35kg	1.5kg	1.35kg	1.5kg	1.4kg	1.55kg
Part No.	IP.4131.763.99	IP.4131.763.100	IP.4131.763.101	IP.4131.763.102	IP.4132.763.103	IP.4132.763.104	IP.4132.763.105	IP.4132.763.106	IP.4133.763.107	IP.4133.763.108