

LS150.JS (19" 2U, 700W), SNMP, 8x PoE 1Gb

BACK UP POWER SUPPLIES with PoE

- ☑ Input voltage 230V ~ 50Hz, PFC, -30°C - +60°C
- ☑ Backup supply +24V, -48V, 150V (DC converter for supply AC devices with 100÷230V~50/60Hz)
- ☑ 8x plug-in slot for PoE or distribution unit
- ☑ IUoU charging curve temperature controlled, battery capacity test
- ☑ LCD display, LED / relay contacts – mains failure and battery capacity < ½
- ☑ SNMP with WEB, NTP server, email server, events history
- ☑ Mounting type: 19" / 2U
- ☑ Standards: Electrical safety - EN 60950, EMC - EN 61000-3-2, EN 55032



The LS150.JS back-up power supply is intended to supply +24V and -48V devices and 100-230VAC devices up to 100W. It contains 8x plug in slot, where is possible to plug PoE.Z or DL.Z units. The LS150 is built with the most advanced energy conversion technology with respect to maximum efficiency. The total output power is 700W. In case of mains failure, the connected battery ensures uninterrupted power supply. After mains restoring, the LS150 will charge the battery to its full capacity. The charging IUoU curve is temperature controlled. LS150 contains SNMP adapter with own WEB page. The "START" button allows power up from the connected battery.

The LCD display and LEDs on the front panel indicate the status of the mains, output voltages, currents, load, charging state (boost/float), battery status, PoE.Z and DL.Z setting. Remote signaling indicates a mains failure and a drop of the battery capacity to ½. It is also possible to monitor 2 external binary states.

The LS150 is designed to 19" frames. The mains input and the 150VDC (100-230V ~ 50Hz devices) output is on the rear. The extra grounding terminal is on the rear. Setting the PoE mode and operation voltage for the PoE or DL.Z (24V or 48V) is possible to set via jumpers directly on the unit. The DL.Z distribution unit can operate with 2 outputs (24V, 48V) up to 3A. If you set both outputs to the same voltage, then the total maximum current is 3A.

ACCESSORY: PoE.Z 1Gb unit – Part. No.: IP.8421.143.11; DL.Z 24480303 unit – Part. No.: IP.8432.143.14

MODEL SPECIFICATIONS	LS150.JS 2448150250301 PoE(8x) SNMP, WEB, slot for 8xPoE	LS150.JS 481501201 PoE(8x) SNMP, WEB, slot for 8xPoE	LS150.JS 4824150120801 PoE(8x) SNMP, WEB, slot for 8xPoE	PoE.Z 1Gb passive PoE 1Gb 83W unit with surge protection	DL.Z 24480303 Distribution unit
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	24V/48V – selectable via jumpers	24V/48V selectable via jumpers
Output voltage / current	+27.6V(25A) -48V(3A), 150V(0.6A)	-55.2V(12.5A) 150V(0.6A)	-55.2V(12.5A) +24V(8A), 150V(0.6A)	1.4A (0.35A/pair) 83W	24V/3A and 48V/3A Equal outputs – 3A total
Output power max. / conv.	700W/150W/100W	700W/100	700W/100W/100W	1.5A polyswitch fuse	2x 3A polyswitch fuse
Efficiency	92%	93%	93%	-30°C - +60°C	-30°C - +60°C
Dielectric strength input/output	4kV	4kV	4kV	MÓDE OF OPERATION (2- colors LED)	POWER SUPPLY (2-colours LED)
Operating temperature	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	Mode A – green LED (+1, 2 - 3, 6)	8-38V – green LED
Local signaling	LED, LCD	LED, LCD	LED, LCD	Mode B – red LED (+ 4, 5 - 7, 8)	38-56V – red LED
Remote signaling	Mains failure Battery capacity < ½ SNMP, WEB	Mains failure Battery capacity < ½ SNMP, WEB	Mains failure Battery capacity < ½ SNMP, WEB	Mode A-B – orange LED (+1, 2, 4, 5 - 3, 6, 7, 8)	
Cooling /Over temperature	Temperature controlled / 85°C	Temperature controlled / 85°C	Temperature controlled / 85°C	POWER SUPPLY (2-colours LED)	
Battery (lead acid)	24V, min. capacity 7.2Ah	48V, min. capacity 7.2Ah	48V, min. capacity 7.2Ah	8-38V – green LED	
Battery charging current	2-3-8-12A	1-1.5-4-6A	1-1.5-4-6A	38-56V – red LED	
LVD / max. current	21V / 41A	42V / 41A	42V / 41A	27.5 x 66 x 62 mm	27.5 x 66 x 62 mm
Dimensions W x H x D (mm)	436 x 88 x 190 mm	436 x 88 x 190 mm	436 x 88 x 190 mm	0.05kg	0.05kg
Weight (kg)	3.2kg	3.1kg	3.3kg	IP20	IP00
Degree of protection	IP20	IP20	IP20	IP.8421.143.11	IP.8432.143.14
Part No.	IP.4133.768.120	IP.4132.768.121	IP.4132.768.130		