

## LS150 (19" 1U, 350W) – SNMP

## BACK UP POWER SUPPLIES

- ☒ Input voltage 230V~50Hz, active PFC, -30°C - +60°C
- ☒ Output voltages +13.8V, 27.6V and 55.2V adjustable, 350W output power
- ☒ IUoU temperature controlled charging curve
- ☒ LED, LCD display with management system
- ☒ Signaling: mains failure, battery capacity < 50%
- ☒ SNMP with WEB page, events history, traps, time server, e-mail server
- ☒ Mounting type: 19" 1U; Standards: EN 60950, EN 61000-3-2, EN 55032



The LS150 1U type with 1 output voltage is designed for reverse supply 13.8V, 27.6V or -55.2V up to 350W 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 12V (24V, 48V) battery provides the backup supply of connected load. The charging voltage curve is thermally controlled and the charging current can be set at 4 levels. Output is dimensioned to 41A.

LEDs on the front panel inform about the converter and battery condition status. Remote signaling indicates mains failure and battery capacity < 1/2.

LCD display informs about output voltage, current, load, battery and fault status. 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 (battery breaker, output breaker, door contact etc.)

Model specification: "J" = 1x input 230V~50Hz, LED signalization, remote signalization + potential-free relay contacts = BASIC

- Extended (JE) - LS150.JE – Basic + power supply management system
- SNMP (JS) - LS150.JS – Extended + SNMP adapter with WEB page

LS150 is designed for 19" frames. Connection to the mains is through flexible cable on the rear panel. All other connections are on the front panel. Terminals for battery and output allow wire connection up to 6mm<sup>2</sup>.

MODEL SPECIFICATION	LS150.J 1225	LS150.J 2412	LS150.J 4806	LS150.JE 1225 PSMS	LS150.JE 2412 PSMS	LS150.JE 4806 PSMS	LS150.JS 1225 PSMS+SNMP	LS150.JS 2412 PSMS+SNMP	LS150.JS 4806 PSMS+SNMP
Input voltage	230V~50Hz, ±10%			230V~50Hz, ±10%			230V~50Hz, ±10%		
Output voltage	13.8V(25A)	27.6V(12.5A)	55.2V(6.25A)	13.8V(25A)	27.6V(12.5A)	55.2V(6.25A)	13.8V(25A)	27.6V(12.5A)	55.2V(6.25A)
Output power	350W			350W			350W		
Efficiency	92%	93%	94%	92%	93%	94%	92%	93%	94%
Insulation strength input / output	4kV			4kV			4kV		
Operating temperature	-30°C - +60°C			-30°C - +60°C			-30°C - +60°C		
Local signalization	LED			LED, LCD			LED, LCD		
Remote signalization	Relay contacts Mains failure, battery capacity <1/2			Relay contacts Mains failure, battery capacity <1/2			Relay contacts Mains failure, battery capacity <1/2, SNMP		
Parallel operation	No			No			No		
Air flow / Overtemperature protection	Controlled / Yes			Controlled / Yes			Controlled / Yes		
Battery / charge current	4A, 6A, 16A, 25A	2A, 3A, 8A, 12A	1A, 1.5A, 4A, 6A	4A, 6A, 16A, 25A	2A, 3A, 8A, 12A	1A, 1.5A, 4A, 6A	4A, 6A, 16A, 25A	2A, 3A, 8A, 12A	1A, 1.5A, 4A, 6A
LVD (low voltage disconnect) / I <sub>max</sub>	<10.5V (41A)	<21V (41A)	<42V (41A)	<10.5V (41A)	<21V (41A)	<42V (41A)	<10.5V (41A)	<21V (41A)	<42V (41A)
Dimensions W x H x D (mm)	436x44.5x180			436x44.5x180			436x44.5x180		
Weight (kg)	1.7kg			1.7kg			1.8kg		
Degree of protection	IP20			IP20			IP20		
Part No.	IP.4131.768.64	IP.4131.768.65	IP.4131.768.66	IP.4131.768.67	IP.4131.768.68	IP.4131.768.69	IP.4131.768.70	IP.4131.768.71	IP.4131.768.72