LS1500 CHASSIS (19" 1U)

- ▣ **Chassis for 1-3x rectifiers (DC converters) (12V, 24V, 48V) & 1x SNMP management system**
- ▣ **LVD – battery protection circuit against excessive discharge**
- ▣ **Inputs for temperature sensor and two binary input signals (output / battery breaker, user ...)**
- ▣ **Remote signalization – urgent and non-urgent alarm – potential free relay contacts**
- ▣ **16 mm2 terminals for battery and outputs connection**
- ▣ **Standards: Electrical safety - EN 60950, EMC - EN 61000-3-2, EN 55032**

The LS1500 type power sources are designed to back up supply devices and to simultaneously charge the connected battery. In case of mains failure the connected battery continues to supply load without interruption. The power source unit is designed as a plug-in module that can be added or replaced during operation, without a need to turn the system off.

The chassis LS1500 type is designed to connect 1 or 2 independent, or 3x 230V~50Hz power source and up to 6x protected outputs. The basic design is with just one non fused output. The power source includes a battery disconnector. The LS1500 chassis obtains slot for a plug-in power supply management system unit and 3 slots for rectifier units. The set includes power cord(s) and a temperature sensor.

The LS1500 chassis is designed for 19" frames. Mains connection, battery and output terminals, input and output signaling and temperature sensor terminals are on the rear panel. There is no possibility to connect more LS1500 units into parallel operation.

MODEL SPECIFICATIONS	LS1500.J CHASSIS – 1U BASIC	LS1500.J CHASSIS – 1U	LS1500.D CHASSIS – 1U BASIC	LS1500.D CHASSIS – 1U	LS1500.T CHASSIS – 1U BASIC	LS1500.T CHASSIS – 1U
Mains connection	1 input cable (IEC type)	1 input cable (IEC type)	2 input cables (IEC type)	2 input cables (IEC type)	L1, L2, L3 ,N, PE 3-phase terminal connection	L1, L2, L3 ,N, PE 3-phase terminal connection
Battery input terminals	16mm^2/70A terminals	16mm^2/70A terminals	16mm^2/70A terminals	16mm^2/70A terminals	16mm^2/70A terminals	16mm^2/70A terminals
Load output terminals	16mm^2 / 1x 70A terminals, no protection	16mm^2 / 6x protected output up to 20A	16mm^2 / 1x 70A terminals, no protection	16mm^2 / 6x protected output up to 20A	16mm^2 / 1x 70A terminals, no protection	16mm^2 / 6x protected output up to 20A
Remote signalization	Potential free relay contacts - urgent, non-urgent alarm	Potential free relay contacts - urgent, non-urgent alarm	Potential free relay contacts - urgent, non-urgent alarm	Potential free relay contacts - urgent, non-urgent alarm	Potential free relay contacts - urgent, non-urgent alarm	Potential free relay contacts - urgent, non-urgent alarm
Temperature sensor connection	Yes	Yes	Yes	Yes	Yes	Yes
Binary input terminals	2x input / battery breaker contact, user contact…	2x input / battery breaker contact, user contact…	2x input / battery breaker contact, user contact…	2x input / battery breaker contact, user contact…	2x input / battery breaker contact, user contact…	2x input / battery breaker contact, user contact…
Dimensions W x H x D (mm)	436 x 45(1U) x 320	436 x 45(1U) x 320	436 x 45(1U) x 320	436 x 45(1U) x 320	436 x 45(1U) x 320	436 x 45(1U) x 320
Weight (kg)	1.90kg	2.00kg	1.90kg	2.00kg	1.90kg	2.00kg
Part No.	IP.4131.765.06	IP.4131.765.14	IP.4231.765.15	IP.4231.765.03	IP.4331.765.16	IP.4331.755.04