

- ☒ Input voltage 48V (36-72V)
- ☒ Output voltage 24V(15A) adjustable, 420W output power
- ☒ ZVS, parallel operation, soft start,
- ☒ High efficiency (92.5%)
- ☒ Temperature operating range -30°C-+60°C
- ☒ Mounting type: plug-in module
- ☒ Standards: Electrical safety - EN 60950, EMC - EN 55032



The LS300.Z 48\_2415 DC converter is a plug-in unit for LS1500 chassis. DC/DC converter is built in most advanced technology with of the energy conversion with respect to maximum efficiency (ZVS). The unit provides 24V adjustable output up to 420W. Soft start, temperature controlled fan switching, input and output filter are some of the main features.

The green LED inside informs about rectifier operation. The LS1500.ZS BS management unit gets information about OK/ERR state of the DC/DC converter.

Model specification:

LS300.Z 48\_2415 - Z = plug-in module, 48 = nominal output voltage, 24 = nominal output voltage, 15 = maximum output current

LS300.Z 48\_2415 DC/DC converter is designed as plug-in unit. Input pins are on the rear connector, output on the front panel thru removable connector for up to 6mm<sup>2</sup> cables.

MODEL SPECIFICATIONS	LS300.Z 48_2415 1U
Input voltage	36-72VDC
Output voltage	24V (21-27.6V) / 15A
Output power	420W
Efficiency	92.5%
Dielectric strength input/output	1.5kV
Operating temperature	-30°C - +60°C
Local signalization	LED – DC converter OK
Parallel operation	Yes
Air flow	Temperature controlled fan
Overcurrent protection	17A
Over temperature protection	85°C
Overvoltage protection	-
Undervoltage protection	Yes
Mounting type:	Plug-in module
Dimension W x H x D (mm)	89 x 45(1U) x 250
Weight (kg)	0.5kg
Degree of protection	IP20
Part No.	IP.1431.043.22