Inverter System 8 kVA with Bypass

- mounted in 19”-cabinet
- flexible upgrade possible
- all components in 19”- assembling carriers
- potential free, short-circuit- and overload protected
- output power up to 20 kVA per cabinet
- output power up to 48 kVA per total system
- display of all system values
- system settings via implemented system menu
- automatically sent alarm and status messages

Specifications

General
Electrical safety EN 60950, VDE 0805
Efficiency > 88% by nominal load
Galvanic isolation 3.75 kV DC
EMC (emission) EN 50081-1/2
EMC (immunity) EN 55022B
OP temperature -5 to +45°C non condensing

Controller LAVCON
Dimensions 2 HE/ 84 TE, 201 mm depth
Weight app. 2.8 kg
Input DC 48/60 VDC (38-72) VDC or 110 VDC (88-132) VDC
Input AC 230 VAC/ 50 Hz

Bypass LAVBYP120
Dimensions 3 HE/ 84 TE, 201 mm depth
Weight app. 7.5 kg
Current capacity 120A

2 x Inverter modules LAV4000
Dimensions 3 HE/ 84 TE, 360 mm depth
Weight app. 12 kg
Input DC 48/60 VDC (38-72) VDC or 110 VDC (88-132) VDC
Output AC 230 VAC/ 50 Hz

Communications
RS-232 Standard via terminal program and external modem. Modern control functions with automatically sent alarm messages are integrated in the controller unit.

Housing
Dimensions (W x D x H) 600 x 600 x 2000 mm
(2100 with socket)
Classification IP 20
Ventilation internal fans in the bypass and inverters as well as air gaps on the cabinet and transparent door. (Optional cabinet fan upon request.)

Warranty 24 months

Subject to change without notice. © Power Innovation GmbH Version 2.0