



MBP 8k 1f

Input voltage mains: 230 V, 50 Hz, sinus wave

Input voltage inverter: 230 V, 50 Hz, sinus wave

Output voltage: 230 V, 50 Hz, sinus wave

Power: 8.000 VA / W

Transfer time. ≤ 4 ms

MAIN CHARACTERISTICS

- High fidelity
- Robust design
- High efficiency
- Fan cooling

APPLICATION

This device is designed for use in industrial modular uninterruptible power supply systems with alternating voltages of 230 V which are required to function as high efficiency systems. It is designed for long-term function and service life without special need for maintenance.

It is possible to connect such devices in parallel to increase the total power. It is possible to add automatic and manual ByPass switches to exchangers.

DESCRIPTION

This device, i.e. a static electronic switch, provides continuous power supply to consumers with a voltage of 320 V, 50 Hz. The unit connects two power sources, namely the public network 230 V and the inverter system 230 V, 50 Hz. The unit delivers one of these two voltages to the output, i.e. according to the consumer, according to selection or automatically. The voltage levels, frequency, output current and synchronization of both input voltages are measured. The operating mode can be online or offline. The switching time of the consumer's power supply from one voltage to another is less than 4 ms. Operating modes, voltage levels, frequencies, output current, synchronization status and errors can be read on the built-in display. The unit communicates with the inverters, that is, the central microprocessor control unit with CAN bus communication.

TECHNICAL DATA

Overload capability:	800 % for 10 ms
Cooling:	fan – temperature regulated
Mechanical:	Subrack with connector
Connector:	DIN 41612-M, input + output + signals
Construction:	plug-in module for 19" system, 2 U (HE) x 21 TE
Dimensions (l/w/h):	335 mm x 106 mm x 88 mm