



EPS - Datasheet

Series EPS/SR

The Inverter Series »EPS/SR« of Electronic Power Supplies provide pure sine wave output voltage. The AC output voltage (230V/50Hz) is available at a socket to power equipment such as computers, notebooks, TV receivers etc., as well as some industrial equipment.

The Inverters have a total efficiency of most more than 90% (DC output) and/or 97% (AC output) and are equipped with extensive protection facilities such as overload/overheat and battery protection. In- and output are isolated.

The microprocessor controlled series »EPS/SR« with a power of 1000VA has adjustable output voltages of 1150V and 230V. The LCD and LED display signals the parameters.

The Bypass relay is On/Off line selectable; The switching time are from AC Bypass Mode ≤ 9 ms and from DC to AC Inverter mode ≤ 7 ms.

The 19" inverters can be controlled via a RS232 Interface, too. Additional these units provide a reverse polarity protection.

The series »EPS/SR« with a 1600VA power, on the other hand, has zero transfer time. These can be controlled via the standard RS485 interface (Modbus).

Up to 32 modules can be operated in parallel (hot-swappable) to build up a power of up to 51.2kW. For safety, the 1600VA inverters can be switched off via emergency OFF (EP mode).

The inverters with bypass are used, e.g. in the power supply of server cabinets.

More output power are:

Input voltages 110V/220V/400V DC single- and threephase as well as output voltages 110V - 240V AC single-phase and 200V - 415V AC threephase at 5 - 650k VA.

Energy Efficiency: Latest MOS technology, high efficiency

Scope of delivery:

Inverter

Manual

EPS/S1000-248T Sine Wave Inverter



EPS/S1000

General data

Technology	Sinus/Sine Inverter
Display	LCD/LED
Response time Voltage	AC <=9ms,DC-AC <=7ms
Overheat protection	Standard
Protection class	IP20
Cooling	Fan
Operation temperature	0-50°C
Storage temperature	-30...+70°C
Humidity	95% n.c.
Attitude	<2000m /UL
Design	19 inch
Standards	EN62368-1,EN55032/55024,EN61000-3-2/3,4-4/5/6/8/UL

Interfaces

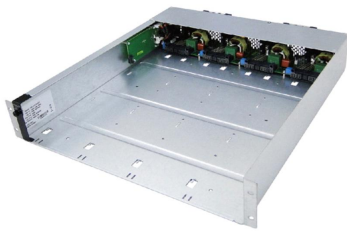
RS232 Interface	Standard
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Technical data

Output Voltage	230 VAC (194-246V)
Output Power	1000 VA
Input Voltage	48 VDC (36-60V)
Input Current	0,7A n.l.
Distortion	<2%
Output Frequency	47-63Hz s.

Technical data

Efficiency	91%
Dimensions in mm (WxHxD)	483 x 44 x 345
Weight	5,8 kg
Order code	600261



EPS/S1600 19" Frame

Subject to modification without notice, errors and omissions excepted

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