



Article number: 231 446
Description: Inverter 1000

Battery voltage	U_{DC}	24 V
Input voltage range:	U_{DC}	21 – 32 V
Max. input voltage:	$U_{DC, max}$	44 V
Continuous power output at 25 °C:	P_{AC}	1000 VA
Power output for 30 mins. at 25 °C:	P_{AC}	1300 VA
Power output for 5 secs. at 25 °C:	P_{AC}	2000 VA

Sinus output voltage	U_{AC}	230 V
Output frequency	f_{AC}	50 Hz
Distortion factor:	k	< 5 %
cos φ of load:		0.1 – 1
Short circuit proof:		Yes
Overload protection:		Yes
Overheat protection:		Yes
Reverse battery protection:		Yes

Max. efficiency:	η_{max}	94 %
Power consumption in "Stand-by"	P_{DC}	0.4 W
"ON" in open circuit.	P_{DC}	10.0 W

Size (W x H x D):	249 x 300 x 167 mm
Weight:	11.5 kg
Protection rating (DIN 40050):	IP23
Operating temperature range:	-20 °C ... +50 °C

Inverter: Inverter 1000

The **Inverter 1000** converts DC current from batteries into AC current for powering all mains-operated 230 V electrical devices.

Quality features, certificates

- Highly efficient, even with small loads
- High overload capacity thanks to combination of toroidal core transformer and MOS-FET power transistors
- Digital control with microprocessor
- Real Sinus output voltage and therefore suitable for all AC electrical devices
- Full protection against overload, overheating, short circuit and reverse polarity
- Adjustable, automatic load characteristic switching
- Simple installation with 4 screws accessible from outside
- CE mark