

Power DC / AC Supply Pure Sine Wave Inverter

type number 01279



Performances:

This pure sine wave inverter was built to supply 230 V AC for electrical equipment of ground vehicles from the vehicle electrical system voltage of 24 V DC.

- Pure sine wave output (THD < 5 %)
- Power save function
- Standby function
- 89 % efficiency at full load
- Driving highly reactive & capacitive load at start moment
- LED Indication for input voltage, output load level and failure status
- Output controlled by residual current device
- Reverse polarity protection by special coded connector
- Output frequency can be fixed internally on 50 Hz or 60 Hz
- Other performances on request

Ask for further technical information!
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

Technical Data:

Continuous output power:	1000 VA
Maximum output power (1 min.):	1150 VA
Surge rating (1 sec.):	1750 VA
Input voltage (nominal):	24 V DC
Input voltage:	21 V DC to 33 V DC
Output voltage:	230 V AC +/- 5 %
Output frequency:	50 Hz +/- 0.5 %
Output waveform:	Pure sine wave (THD < 5 %)
Efficiency (full load):	89 %
No load current:	< 0.8 A
Standby current:	< 0.05 A
Input level indicator:	Red / orange / green LED
Load level indicator:	Red / orange / green LED
Failure indicator:	Red LED
Protection:	Overload, short circuit, over- / under- input voltage, over temperature, residual-current device (RCD) +40 °C to +60 °C derating 400 VA max.
Safety:	EN60950
EMC:	EN55022, EN55024, EN61000-4-2, 3, 4, 5, 6, 8, 11 EN6100-3-2, -3-3, MIL-STD461G, CE102 (Basic Curve), RE102-4 (Navy Fixed & Air Force)
Electrical isolation input / output:	Isolation test voltage 500 V DC
Temperature:	-31 °C to +40 °C (operating) -40 °C to +70 °C (storage)
Cooling:	Convection
Dimensions:	420 x 180 x 86 mm (W x D x H)
Weight:	approx. 7.5 kg
Protection:	IP 65