

## Power DC / AC Supply Pure Sine Wave Inverter

type number 00886



### 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 < 3 %)
- Power save function
- Standby function
- 93 % 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

### Technical Data:

Continuous output power:	700 VA
Maximum output power (3 Min.):	800 VA
Surge rating:	1400 VA
Input voltage (nominal):	24 V DC
Input voltage:	21 V DC to 30 V DC
Output voltage:	230 V AC +/- 3 %
Output frequency:	50 Hz +/- 0.05 %
Output waveform:	Pure sine wave (THD <3 %)
Efficiency (full load):	93 %
No load current:	0.6 A
Standby current:	0.15 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-operated protective device (RCD)
Safety:	EN60950
EMC:	EN55022:1997, EN55024:1997, EN61000-3-2:1998, EN61000-3-3:1995
Electrical isolation input / output:	Isolation test voltage 500 V DC
Temperature:	-10 °C to +40 °C (operating) -32 °C to +70 °C (storage)
Cooling:	Convection
Dimensions:	426 x 160 x 141 mm (W x D x H)
Weight:	approx. 7.5 kg
Protection:	IP 55

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