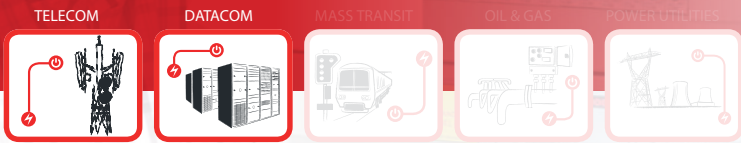


» e-one 230 VAC

0.3 - 1.0
kVA



STANDALONE INVERTER

POWER 1000 VA
INPUT 48 Vdc
OUTPUT 230 Vac



DESCRIPTION

e-one is a compact inverter providing a pure sine wave AC supply. In conjunction with a DC Power system, it provides an excellent AC backup solution. It uses the latest inverter technology, providing superior energy efficiency in a compact size.

e-one inverter has DC input on front terminal, AC output socket protected with 10 A fuse.

e-one can be easily rack mounted, wall, or desk mounted.

APPLICATIONS

All business critical applications and all types of AC loads. The design is cost effective, installation easy.

MAIN FEATURES

- » Easy to install
- » Compact design
- » High efficiency
- » Wide operating temperature range
- » Short depth allows 300 mm rack integration

REG 1000 VA / 800 W

EMC (immunity)	EN 61000-4-2 up to 6
EMC (emission) (class)	EN 55022 (A)
Safety	IEC 60950-1
Cooling / Isolation	Forced / Doubled
MTBF	200 000 hrs
Efficiency DC/AC at 54 VDC	90%
Dielectric strength DC/AC	4300 Vdc
RoHS	Compliant
Vibration	GR63 office vibration 0 to 100 hz-0.1 g / transport vibration 5-100 Hz 0.5 g 100 to 500 hz-1.5 g / Drop test
Operating conditions	Self adaptive to wide operating conditions and comprehensive table of troubleshooting codes
Altitude above sea without de-rating	< 1500 m / derating > 1500 m - 0.8 % per 100 m
Ambient / storage temperature / relative humidity	-20 to 50 ° C / -40 to 70 ° C / 95 %, non-condensing
Material (casing)	Coated steel
Nominal Output power (VA) / (W)	1000 VA / 800 W
Short time overload capacity	150 % (15 seconds) within T° range
Admissible load power factor	0 lagging to 0 leading
Nominal voltage (DC)	48 V
Voltage range (DC)	40 - 60 V
Nominal current at 800 W / 48 VDC	19 A
Maximum input current (for 15 second) / voltage ripple	28 A / 2 mV psopho @ 48 V - 80% LOAD
Nominal voltage (AC*)	230 V
Frequency / frequency accuracy	50 or 60 Hz / ± 0.01 %
Total harmonic distortion (resistive load)	< 1.5 %
Load impact recovery time	0.4 ms
Turn on delay	20 s
Nominal current. Protected against reverse current	4.4 A at 230 VAC
Crest factor at nominal power	3 : 1
With short circuit management and protection	
Display	Front LED
Alarms output / supervision	Dry contact on the front
Remote on / off	On the front

e-one 230 – Datasheet v1.0 | Specifications can change without notice. New data will be updated on our Web site: www.heliosps.com.
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