

# Piccolo Series

150-250WATT DC/AC INVERTER

## Features

- Dynamic battery low voltage control
- Intelligent overload current
- Short circuit protection
- Efficiency 90%
- Total harmonic distortion <1.2%
- 12 or 24 volt inputs
- Isolated output



## Specifications

### INPUT

Nominal input voltage	SEAP-12: 12V SEAP-24: 24V
Input voltage range	SEAP-12: 10.5–16VDC SEAP-24: 21–32VDC
No load power draw	SEAP-12: <2VA (240V typ.) SEAP-24 <2.5VA

### OUTPUT

Voltage	230VAC $\pm$ 5%
Frequency	50Hz $\pm$ 0.5%
Waveform	True sinewave <4% THD
Rated power @ 30°C ambient	SEAP-12 – 150VA SEAP-24 – 250VA
Overload capability	Max. 250%

### OPERATING

Peak efficiency	90%
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### STANDARDS AND APPROVALS

Toroidal transformer	IEC742
C-tick	AS/NZS CISPR14, AS/NZS 1044
EMC standards	Complies to CE rules

### ENVIRONMENTAL

Temperature range	0°C to 50°C, derate above 30°C
Humidity	95% humidity, not condensing

### MECHANICAL

AC outlet	3 pin socket
Battery leads	1 metre
Dimensions (HxWxD)	110x75x190mm
Weight	SEAP-12 – 1.8 kg SEAP-24 – 2.5 kg
Chassis	Powder coated aluminium

## Selection Table

MODEL NUMBER	DC INPUT	POWER RATING	OVERLOAD
SEAP-12-150	10.5–16V	150W	375W
SEAP-24-250	21–32V	250W	625W

## Technical Illustration

