

Everest Series

2000-3800WATT DC/AC INVERTER

Features

- True sinewave waveform.
- Optional remote shutdown switch.
- Adjustable load detection.
- Extra heavy duty, low loss battery cables.
- Fast and flexible installation.
- Non-corrosive chassis.
- Isolated output.



Specifications

INPUT

Voltage	12, 24 and 48Vdc.
Voltage range	24Vdc (21-32Vdc). 48Vdc (42-64Vdc).

OUTPUT

Voltage	240Vac $\pm 1\%$.
Frequency	50Hz $\pm 0.07\%$ (24-2K2 & 48-2K4). 50Hz $\pm 0.15\%$ (24-3K0 & 48-3K8).
Output waveform	True sinewave < 2.35% THD (70% load).
Power factor range	0.1-1.0.
Efficiency	94-95%.
Load detection	2-20W.
LED status indicator	AC status, over temp and DC voltage out of range.

GENERAL

AC output connection	Terminal block on din rail.
Battery leads	1.2meters with 10mm lug.
Enclosure protection	IP20.
Dimensions	456x300x243mm (except SEAP-48-3K8, 510x300x243mm).

STANDARDS AND APPROVALS

Safety standards	AS3000 wiring.
C-tick	AS/NZS CISPR14, AS/NZS 1044
EMC standards	AS/NZS2064

ENVIRONMENTAL SPECIFICATIONS

Temperature Range	-25°C to 50°C, derate above 30°C
Humidity	95% RH, non condensing

Selection Table

MODEL NUMBER	DC INPUT	INPUT RANGE	CONT. RATING	5 MIN RATING	SURGE 5 SEC	PEAK EFF%	WEIGHT
SEAP-12-2K0	12V	10-16V	2000W	2400W	5000W	94%	21.0KG
SEAP-24-2K2	24V	21-32V	2200W	3200W	6000W	94%	25.0KG
SEAP-24-3K0	24V	21-32V	3000W	4500W	9000W	94%	34.0KG
SEAP-48-2K4	48V	42-64V	2400W	3500W	10000W	94%	24.0KG
SEAP-48-3K8	48V	42-64V	3800W	5000W	10500W	95%	34.0KG
SEAP-48-3K8-3P	48V	42-64V	3800W/PH	5000W/PH	10500W/PH	95%	34.0KG (each)

Technical Illustrations

