

PBSP Voyager Series

1300-1700WATT DC/AC INVERTER

FEATURES

- True sinewave waveform
- Excellent short term and surge ratings
- Fast and flexible installation
- Standard power point, with optional safety switch / AC circuit breaker
- Adjusted load detection
- Isolated output
- 3 x LED indicator



SPECIFICATIONS

INPUT	
Voltage	12, 24 and 48Vdc.
Voltage range	12Vdc (10.5-17Vdc). 24Vdc (21-34Vdc). 48Vdc (42-68Vdc).

Voltage	230Vac $\pm 0.02\%$ (Standard).
Frequency	50Hz $\pm 0.02\%$.
Output waveform	True sinewave < 4% THD.
Power factor range	0.2-1.0.
Efficiency	91-95%.
Auto start adjustment	1-40 watt.
LED status indicator	Battery status, over temp, over load and output status.

OUTPUT	
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Voltage	230Vac $\pm 0.02\%$ (Standard).
Frequency	50Hz $\pm 0.02\%$.
Output waveform	True sinewave < 4% THD.
Power factor range	0.2-1.0.
Efficiency	91-95%.
Auto start adjustment	1-40 watt.
LED status indicator	Battery status, over temp, over load and output status.

GENERAL	
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AC output connection	Terminal block on din-rail or 10A GPO.
Battery leads	1.4m flexible cable with 10mm lugs.
Enclosure protection	IP20.
Dimensions	400x300x165mm

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

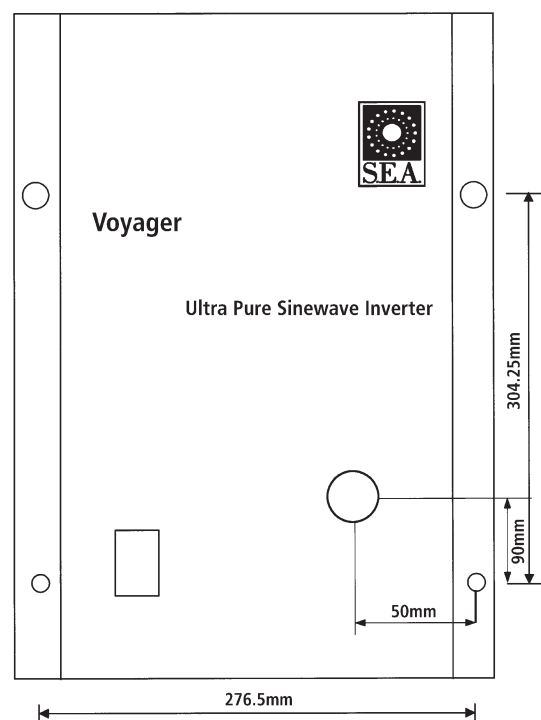
ENVIRONMENTAL	
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Temperature Range	-25°C to 50°C, derate above 30°C
Humidity	95% RH, non condensing

SELECTION TABLE

MODEL NUMBER	DC INPUT	INPUT RANGE	CONT. RATING	5 MIN RATING	SURGE 5 SEC	PEAK EFF%	WEIGHT
PBSP-12V	12V	10.5-17V	1300W	2200W	4000W	91%	21.0KG
PBSP-24V	24V	21-34V	1700W	3000W	5000W	94%	19.5KG

TECHNICAL ILLUSTRATION



INVERTERS