

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).

OUTPUT

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

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

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

ENVIRONMENTAL

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
PBSP-48V	48V	42-68V	1700W	4400W	5000W	95%	19.5KG

Technical Illustration

