

PBSP Bolero Series

800-1100WATT DC/AC INVERTER

INVERTERS

FEATURES

- True sinewave waveform
- Excellent surge power to start motors
- Isolated output
- ON/OFF switch
- Adjustable load detection circuitry
- DC circuit breaker/ BATT isolator switch
- Dual color LED status indicator

SPECIFICATIONS

INPUT	
Voltage	12 and 24Vdc.
Voltage range	12Vdc (10.5-16Vdc). 24Vdc (21-32Vdc).
OUTPUT	
Voltage	230Vac \pm 2% (Standard).
Frequency	50Hz \pm 0.5%.
Output waveform	True sinewave < 2% THD.
Power factor correction	All conditions.
Efficiency	94%.
Standby adjustment	4-40 watt Logarithmic.
LED status indicator	AC status.
GENERAL	
AC output connection	10A GPO or hardwired via three terminal junction box.
Battery leads	1.4m 35mm ² flexible cable with 10mm lugs.
Fan control	ON @ 55°C, OFF @ 45°C, or ON if power exceeds 800watts for 24Vdc model, 640Watts for 12Vdc.
Dimensions	364x264x124mm
STANDARDS AND APPROVALS	
Safety standards	AS3000 safety, AS/NZS61558-1.2000 Tfx.
C-tick	AS/NZS CISPR14, AS/NZS 1044
EMC standards	AS/NZS2064-1997.
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-12W	12V	10.5-16V	850W	1600W	2400W	94%	14.0KG
PBSP-24W	24V	21-32V	1100W	2000W	3000W	94%	14.0KG

TECHNICAL ILLUSTRATION

