

SPECIFICATIONS

1600W 12V PURE SINE WAVE INVERTER

PW1600



Featuring dual AC outlets, the PW1600 has class leading features and performance, making it the perfect unit for running multiple appliances at once.

CERTIFICATION	
INVERTER CLASSIFICATION	Equipotentially Bonded
APPROVALS	Electrical Safety, EMC
OTHER	
WARRANTY	3 Years
IDEAL BATTERY SIZE	105Ah and above
MINIMUM BATTERY SIZE	80Ah
RUN TIME (100W GLOBE ON MINIMUM BATTERY)	8 hours
WIRING	Battery lugs with 1100mm 25mm ² battery cable
COUNTRY OF ORIGIN	China
KIT INCLUDES	LCD Display and Remote Wiring Kit Mounting Hardware
ACCESSORIES/SPARE PARTS	PWREMOTE-1
ALARMS	
UNDER VOLTAGE ALARM	Yes
UNDER VOLTAGE ALARM RECOVERY	Yes
UNDER VOLTAGE SHUTDOWN	Yes
UNDER VOLTAGE SHUTDOWN RECOVERY	Yes
OVER VOLTAGE SHUTDOWN	Yes
SHORT CIRCUIT SHUTDOWN	Yes

MECHANICAL	
HEIGHT (MM)	104
WIDTH (MM)	220
LENGTH (MM)	420
WEIGHT (KG)	4.9
MOUNTING BOLT PATTERN	Horizontal
RECOMMENDED DISTANCE FROM BATTERY (M)	1.5
CABLE SIZE REQUIRED (MM ²)	25
CONSTRUCTION	
HOUSING	Aluminium
END CAPS	Plastic
ELECTRICAL	
INPUT VOLTAGE	12V DC
OUTPUT VOLTAGE	240VAC, 50Hz
AC OUTPUT CURRENT	10A per socket
CURRENT DRAW	157A Max
NO LOAD CURRENT DRAW	<1.2A
OUTPUT POWER	1600W Continuous 1920W 120% surge ≤10 minutes 3200W 200% surge ≤1 second
RCD	N/A
PROTECTION	Short circuit, over load, under load, over temperature
AC OUTPUT WAVEFORM	Pure Sine Wave
USB PORT	1 x USB-C 21W 1 x USB-A 2.1A
AC TRANSFER SWITCH	No
TRANSFER TIME	N/A
DISPLAY	Yes
THERMAL SHUTDOWN	65° (±5°C)
LOW BATTERY ALARM	10.5V (±0.3V)
LOW BATTERY SHUTDOWN	9.9V (±0.3V)
AC SOCKETS QUANTITY	2

