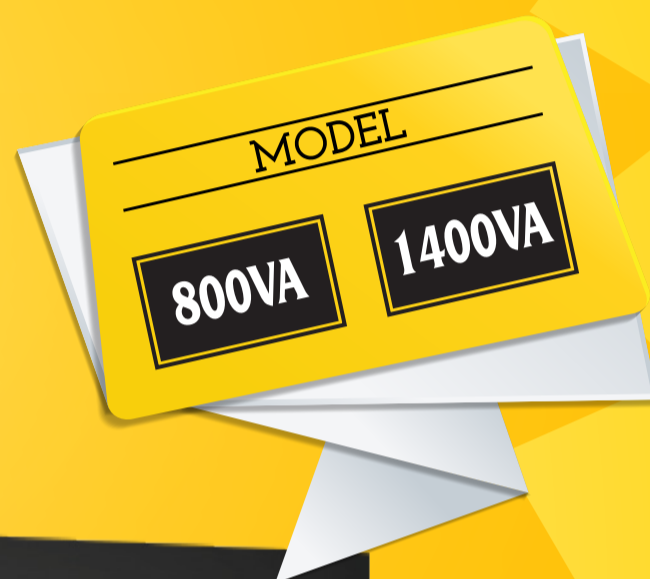


CHAMPION[®]

PURE SINE WAVE

HOME POWER INVERTER

ENSURING CONTINUITY OF
UNINTERRUPTIBLE POWER



PRODUCTS FEATURES



MICROPROCESSOR CONTROLLED



HEAVY DUTY INTEGRATED BATTERY CHARGER



BUILT IN AUTOMATIC BYPASS



OVERLOAD/SHORT-CIRCUIT PROTECTION



ULTRA WIDE INPUT VOLTAGE RANGE



NORMAL/TUBULAR BATTERY COMPATIBLE



MULTIFUNCTION LED INDICATIONS & ALARMS



HIGH EFFICIENCY INVERTER

TECHNICAL SPECIFICATIONS

MODEL: HP-800

Capacity.....800VA/500W

INPUT

Mains Input.....220VAC (Standard)
Input Voltage (Normal Mode).....120VAC~290VAC \pm 5%
Input Voltage (UPS Mode).....180VAC~260VAC \pm 5%
Input Frequency.....50Hz \pm 5%

OUTPUT

Output Voltage with Mains.....220V (Same as Input)
Output Frequency with Mains.....50Hz (Same as Input)
Output Voltage after Inverter.....220VAC \pm 10%
Output Frequency after Inverter.....50Hz \pm 1%
Output Waveform after Inverter.....Pure Sine Wave

BATTERY

Battery Type.....External Lead-Acid Battery
Battery Voltage.....12V
Battery Charging Voltage.....13.7V (Max)
Battery Charging Current.....12A
Battery Charging Voltage Range.....140VAC~280VAC
Compatible Battery Rating Range.....65Ah to 200Ah

ENVIRONMENTAL

Transfer Time..... \leq 30ms (UPS Mode) / \leq 40ms (INV Mode)
Operating Temperature.....0°C~40°C
Transit/Storage Temperature.....-15°C~45°C
Relative Humidity.....-10°C~90°C (Non Condensing)
Noise.....<45dB

INDICATORS

Mains Working / Battery Charging.....White Light
Inverter Working.....Yellow Light
Battery Low / Overload / Fault.....Red Light

AUDIBLE ALARM

Battery Low Protection.....Buzzer Long Beep
Battery Low.....One Beep per Sec.
Overload.....Buzzer Long Beep
Overload at <130%.....One Beep per Sec.
Inverter Failure.....Buzzer Long Beep

PROTECTION

Mains Mode.....Input Fuse Protection
Overload / Short-Circuit / Low Voltage.....Inverter Shutdown
Battery Deep Discharge.....Inverter Shutdown

PHYSICAL

Dimension (L×W×H) (mm).....330×312×160
Net Weight.....10kgs

*Specifications are subject to change without prior notice.