

HD Series 500~2000VA

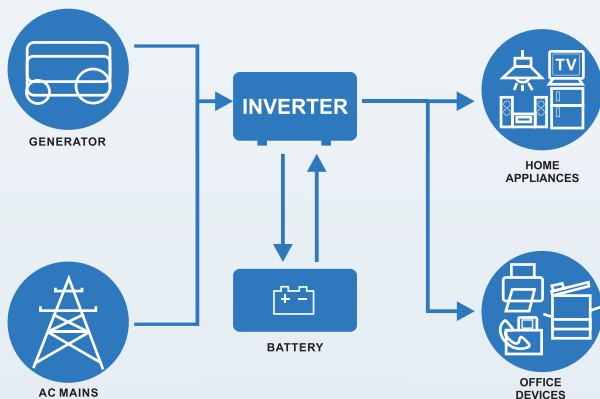


The HD500-2000VA series inverter/charger system converts DC power to AC power with amazing transfer efficiency. With the continuous output and compact design, the HD is excellent for home and office environment. Appliances such as TVs, stereos, desktop or laptop computers and others can be connected to HD for the uninterrupted power.

Features:

- ◆ HD Series AC charging Inverter.
- ◆ Built-in enhanced AC charger.
- ◆ Selectable Input voltage ranges/AC charging current.
- ◆ Intelligent 3-stage charger control for efficient charging and preventing overcharger.
- ◆ LCD+LED display.
- ◆ Auto restart upon AC recovery.
- ◆ Multiple protections: low battery alarm, low battery shutdown, over charger protection, overload protection, over temperature protection, short circuit protection.

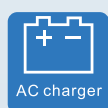
Application:



Home



Office



AC charger



LCD/LED display



89%
Efficiency

Specifications

Modified sine wave charger Inverter

Model	HD500-12	HD1000S-12	HD1000-12	HD2000-24
Power Rating	500VA/330W	1000VA/660W	1000VA/800W	2000VA/1400W
AC Input	Input Voltage Waveform Nominal input Voltage Selectable Voltage Range Max AC input Voltage Frequency	Sinusoidal(utility or generator) 230VAC 165-270Vac±4%(Narrow Range), 85-270Vac±4%(Wide Range) Max:270VAC 50Hz, 60Hz		
AC Output	Output Voltage Waveform Voltage Regulation(Batt.Mode) Nominal Output Frequency (Hz) Transfer Time	Modified sine wave 230VAC (+10% / -18%) 50Hz or 60Hz (Auto detection) 15ms Typical, 20ms Max.		
AC Charger	Charging Algorithm Nominal Charger Current Floating Charging Voltage Over charge Protection	3-step charging 15 Amp or 20Amp Selectable 13.7VDC 16VDC		10Amp 27.4VDC 32VDC
Efficiency	Efficiency(Battery Mode) Efficiency(Line Mode)	>87% >95%		
Battery Voltage	Nominal DC input Voltage Low Battery Alarm Low DC input shut-down High DC inputAlarm & Fault	12VDC 10.5VDC±0.3VDC 10VDC±0.3VDC 16VDC±0.3VDC		24VDC 21VDC±0.6VDC 20VDC±0.6VDC 32VDC±0.6VDC
System Parameter	Protections Indicators Over-Load Protection	Low battery, over charging, over load, over temp LCD+LED Display 1min Load >110%,20s Load >120%,0s Load >150%		
General Specifications	Operating Temperature Range Storage Temperature cooling Dimension(L*W*H) Net Weight(kg)	0°C to 40°C -15°C~60°C Forced air,variable speed fan 276.7*245*97mm 1.8kg 2.1kg 2.2kg 2.6kg		

◆ Product specifications are subject to change without further notice.

