

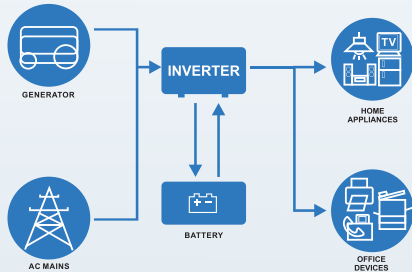
HD Series 500~2000VA



Features:

- ◆ HD Series AC charging Off grid 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.