

UKHDX Plus Series 1~2KVA



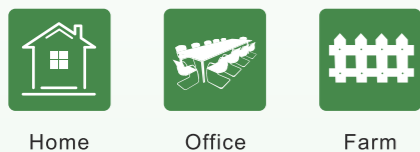
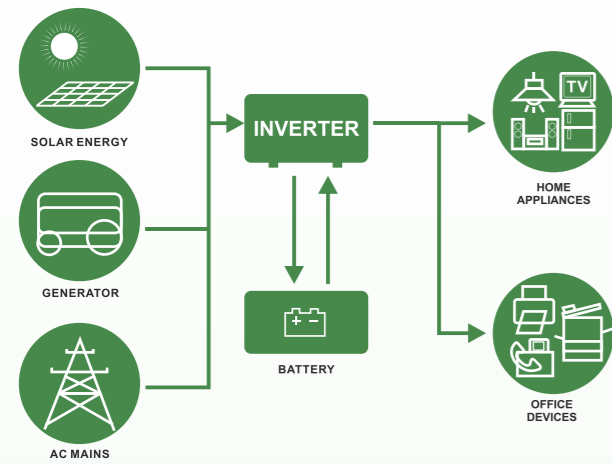
HDX Plus is a DC-to-AC inverter with auto line-to-battery transfer and integrated charging system, serving as an extended run UPS, a standalone power source or an automotive inverter.

HDX Plus supplies power from AC power and DC source. When AC cable is connected to a wall socket, utility power goes to connected equipment(s) and/or charges the battery set via charging system. In battery mode, HDX Plus automatically converts battery energy into AC power for backing up the connected devices.

Features:


- ◆ Automatic line-to-battery switchover.
- ◆ Configurable Input voltage ranges via LCD setting.
- ◆ High efficient DC-to-AC conversion, minimizing energy loss.
- ◆ Rack design & wall-mounted design for flexible installation.
- ◆ Built-in enhanced charger.
- ◆ Built-in solar charger controller up to 40A.
- ◆ Intelligent 3-stage charger control for efficient charging and preventing overcharge.
- ◆ Auto restart while AC recovery.
- ◆ Multiple protection: low battery alarm, low battery shutdown, over charger protection, overload protection, over temperature protection, short circuit protection.
- ◆ with the environmental temperature control charge management.

Application:



Specifications

Modified Sine Wave Hybrid charger Inverter

Model	HDX Plus 1K-12	HDX Plus 1.2K-12	HDX Plus 2K-24	
*1 CAPACITY	VA/W	1000VA/720W	1200VA/900W	2000VA/1500W
BATTERY	VDC	12VDC	12VDC	24VDC
Input	Nominal Voltage Voltage Range	220/230/240VAC 90-280VAC(Wide Range); 170-280VAC (Narrow Range)		
Output	Voltage Voltage Regulation (Bat. Mode) Frequency Frequency Regulation (Bat. Mode) Output Waveform	230VAC 10% / -18% 50/60Hz (Adjustable); +/-1 Hz Modified Sine-wave		
BATTERY & CHARGER	Charge Current Overcharge Protection	20Amp 16V	20Amp 16V	15Amp 32V
TRANSFER TIME	Typical	15ms Typical, 40ms Max.		
Efficiency	AC to AC DC to AC	>95% >80%		
DISPLAY INDICATOR	AC Mode Battery Mode Battery Charging Mode Fault	Display output power, output voltage The mark  will flicker every 1second. Display the Battery capacity Display fault		
SOLAR BATTERY CHARGER	Max. Input Power Charging Current Nominal Battery Voltage Optimal Work Voltage Range Max.PV Input Voltage	450W 40Amp 12V 15V~18V 55V	450W 12V 15V~18V	900W 24V 30V~36V
PROTECTION	Full Protection	Discharge, overcharge, overload, over temperature protection.		
PHYSICAL	Dimension (L*W*H) Net Weight (kg)	373*121*305mm 2.18kg	2.49kg	2.37kg
ENVIRONMENT	Operating environment Storage Environment Noise Level	0- 50°C, 5%-90 % relative humidity (non-condensing) -15°C to 55°C, 5% to 95% humidity (non-condensing) Less than 50dB		

◆ Product specifications are subject to change without further notice.



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