

Off-Grid Inverter

OFF-GRID INVERTER



- Pure sine wave MPPT solar inverter
- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Wide DC input range
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Built-in Wi-Fi for mobile monitoring (App is available)
- Reserved communication port for BMS
- Battery independent function
- Parallel operation with up to 9 units

User-programmable RGB lighting for different operation mode



Pink

Orange

Yellow

Green

Blue

Sky Blue

Purple

Three lighting effects



Cycling
Quickly scrolling with a color of your choice in a continuous circular motion



Wheel
Illuminates with twinkling lights in a color of your choice



Chasing
Radiates your selected color upward from the bottom of the ring

Off-Grid Inverter Selection Guide

MODEL	HSD EF IV 5600-48
Rated Power	5600VA/5600W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	55 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%
Overload capacity	5s@≥150% load; 10s@110%~150% load; 100ms @ ≥200% load
Efficiency (Peak)	93 %
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	6000 W
MPPT Range @ Operating Voltage	120 ~ 430 VDC
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
PHYSICAL	
Dimension, D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12.0
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.