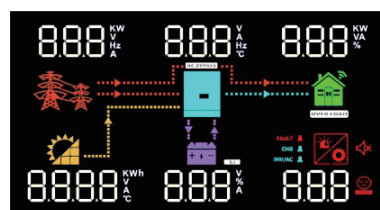
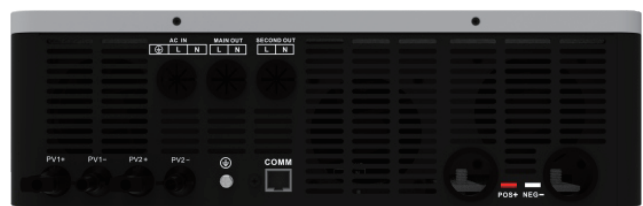
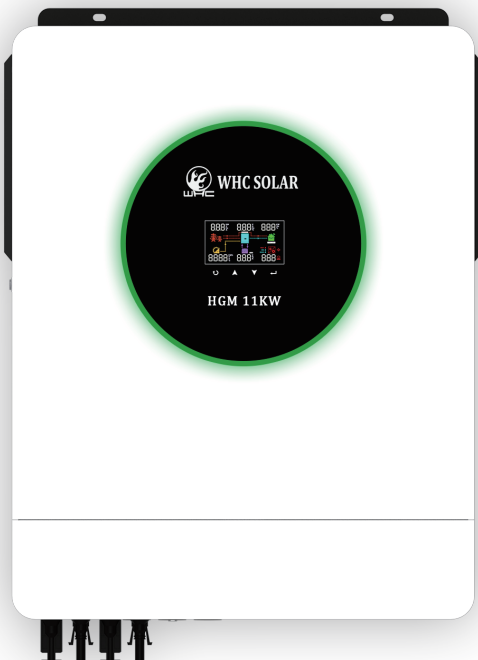


Features

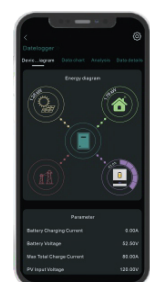
- Pure sine wave solar inverter(on/off grid)
- Inverter running without battery
- Output power factor 1.0
- High PV input voltage range(90~500VDC)
- WIFI&GPRS available for IOS and Android
- Built-in anti-dusk kit for harsh environment
- Built-in MPPT solar charge 160A(for 11KW)
- Smart battery charge design to optimize battery life
- One-click restoration to factory settings
- Dual output
- Built-in lithium battery automatic activation
- Touch button



Overview



LCD DISPLAY



WIFI-APP

Product Data Sheet

MODEL	HGM11000
Phase	1-phase
Maximum PV Input Power	11000W
Rated Output Power	11000W/11000VA
Maximum Solar Charging Current	160A
GRID-TIE OPERATION	
PV Input(DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90VDC~450VDC
Number Of MPPT Trachers/Maximum Input Current	1/27A
GRID OUTPUT(AC)	
Nominal Output Voltage	200/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	47.8A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
EFFICIENCY	
Maximum Conversion Efficiency(DC/AC)	98%
TWO LOAD OUTPUT POWER(V2.0)	
Full Load	11000W
Maximum Main Load	11000W
Maximum Second Load(Battery mode)	3667W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	52VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC / 180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	50A
Nominal Operating Frequency	50/60Hz
Surge Power	22000W
PV INPUT(DC)	
Maximum DC Voltage	500VDC
MPPT Voltage Range	90VDC~450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Wavefrom	Pure sine wave
Efficiency(DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
PHYSICAL	
Dimension,D x W x H	420*310*110
Net Weight(kgs)	15