

# HMK PLUS PV Inverter

HMK PLUS 8-10-12kW



### High-Efficiency Power

Ultra-Wide Voltage Range, Adapts to Complex Grid Conditions, Global MPPT Scanning Increases Energy Yield by 8%.



### Safe & Reliable

Safe & Reliable Overload Protection, Short-Circuit Protection, Built-in BMS, Passive Cooling, Corrosion-Resistant, Ensuring Worry-Free Operation.



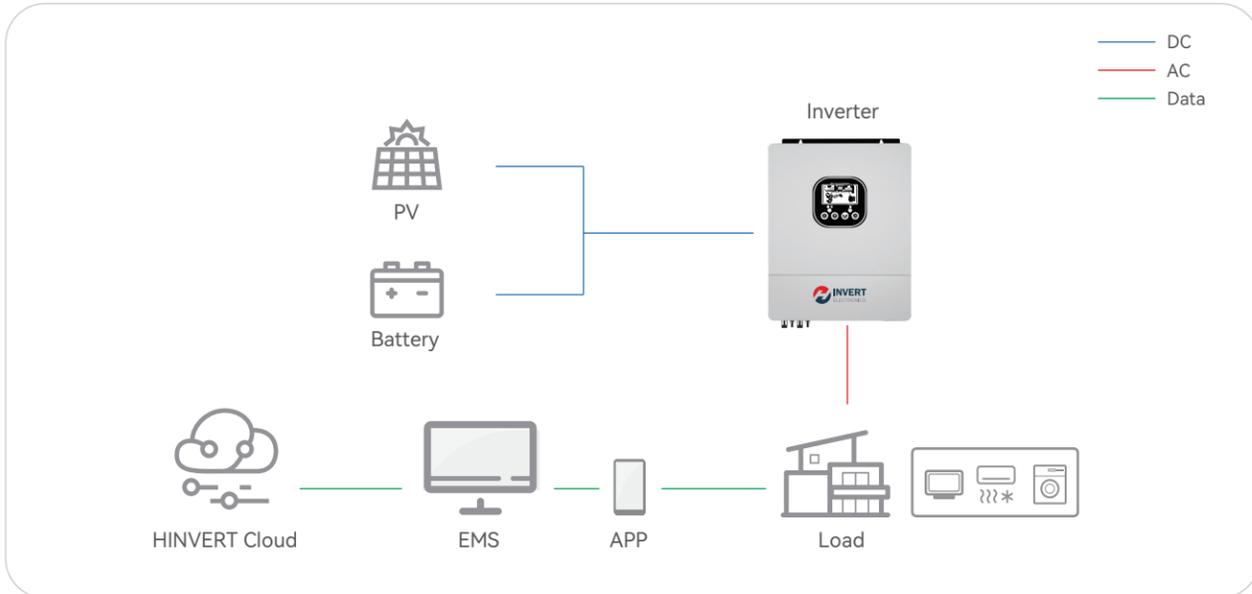
### Pure Sine Wave

Pure Sine Wave Comparable to Utility Power, Protects Sensitive Appliances, a Reliable Choice.



### Easy to Operate

LCD Screen for Simple Function Operation, RGB LED for Status Indication.



DATASHEET	8kW	10kW	12kW
RATED POWER	8000W	10000W	12000W
<b>INPUT</b>			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
MPPTTracker Number	2		
Maximum input current of PV	27 A*2(Max 40A)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%		
Surge Power	16000VA	20000VA	24000VA
Efficiency (Peak) PV to INV	97%		
Efficiency (Peak) Battery to INV	94%		
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Output Port	Dual output(Optional)		
Waveform	Pure sine wave		
<b>SOLAR CHARGER</b>			
Maximum PV Array Power	10000W	12000W	13000W
MPPT Range @Operating Voltage	60-450 VDC		
Maximum PV Array Open Circuit Voltage	500 VDC		
Municipal electricity	8KW	10KW	12KW
Maximum Efficiency	98%		
<b>PHYSICAL</b>			
Dimension, DxWxH (mm)	540*440*440		
Net Weight (kgs)	8	9	10
Communication interface	USB/RS232/RS485/WIFI(Optional)		
LCD display	General LCD		
<b>OPERATING ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	0°C - 55°C		
Storage Temperature	-15°C - 60°C		
Waterproof grade	IP21		

Product specifications are subject to change without further notice.