



# HMK PLUS PV Inverter

HMK PLUS 4-6kW



## 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.



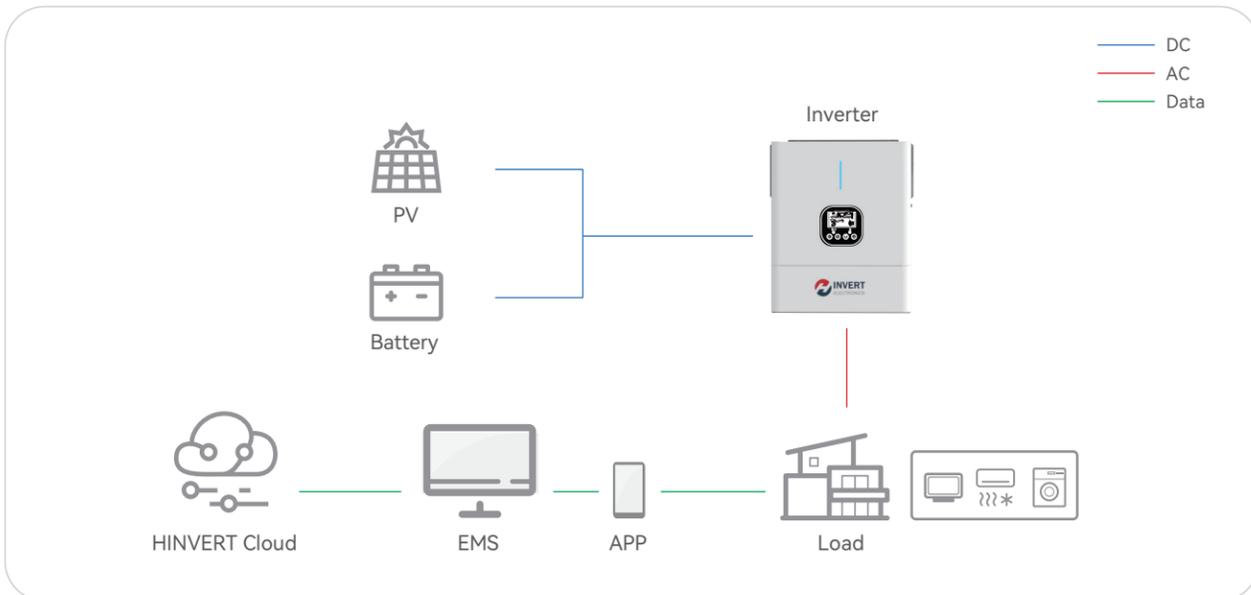
## Pure Sine Wave

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                             | 4kW   | 6kW             |
|---------------------------------------|---|-----------------|
| RATED POWER                           | 4000W   | 6000W           |
| <b>INPUT</b>                          |   |                 |
| Voltage                               | 230 VAC   |                 |
| Selectable Voltage Range              | 170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances) |                 |
| MPPTTracker Number                    | 1   | 2               |
| Maximum input current of PV           | 27 A  | 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                           | 8000VA  | 12000VA         |
| 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                | 6500W   | 9000W           |
| MPPT Range @Operating Voltage         | 60-450 VDC  |                 |
| Maximum PV Array Open Circuit Voltage | 500 VDC   |                 |
| Municipal electricity                 | 4kW   | 6kW             |
| Maximum Efficiency                    | 98%   |                 |
| <b>PHYSICAL</b>                       |   |                 |
| Dimension, DxWxH (mm)                 | 128*300*440   |                 |
| Net Weight (kgs)                      | 5   | 6               |
| 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.