

HVM3.6K Plus Hybrid Solar Inverter



Rated Power
3.6KW

Battery Voltage
24VDC

High PV Input
500V

WIFI Remote Monitoring

Waterproof, dustproof and insect-proof design

Max Efficiency
93%

100A MPPT Controller

Battery Optional
Pb / Li

PRODUCT DETAIL

01

WIFI REMOTE MONITORING

Remote Wifi for option, realize working status anytime and anywhere.

02

EXCELLENT QUALITY

Use high-quality raw materials to prevent corrosion and extend service life.

03

TRIPLE PROTECTION

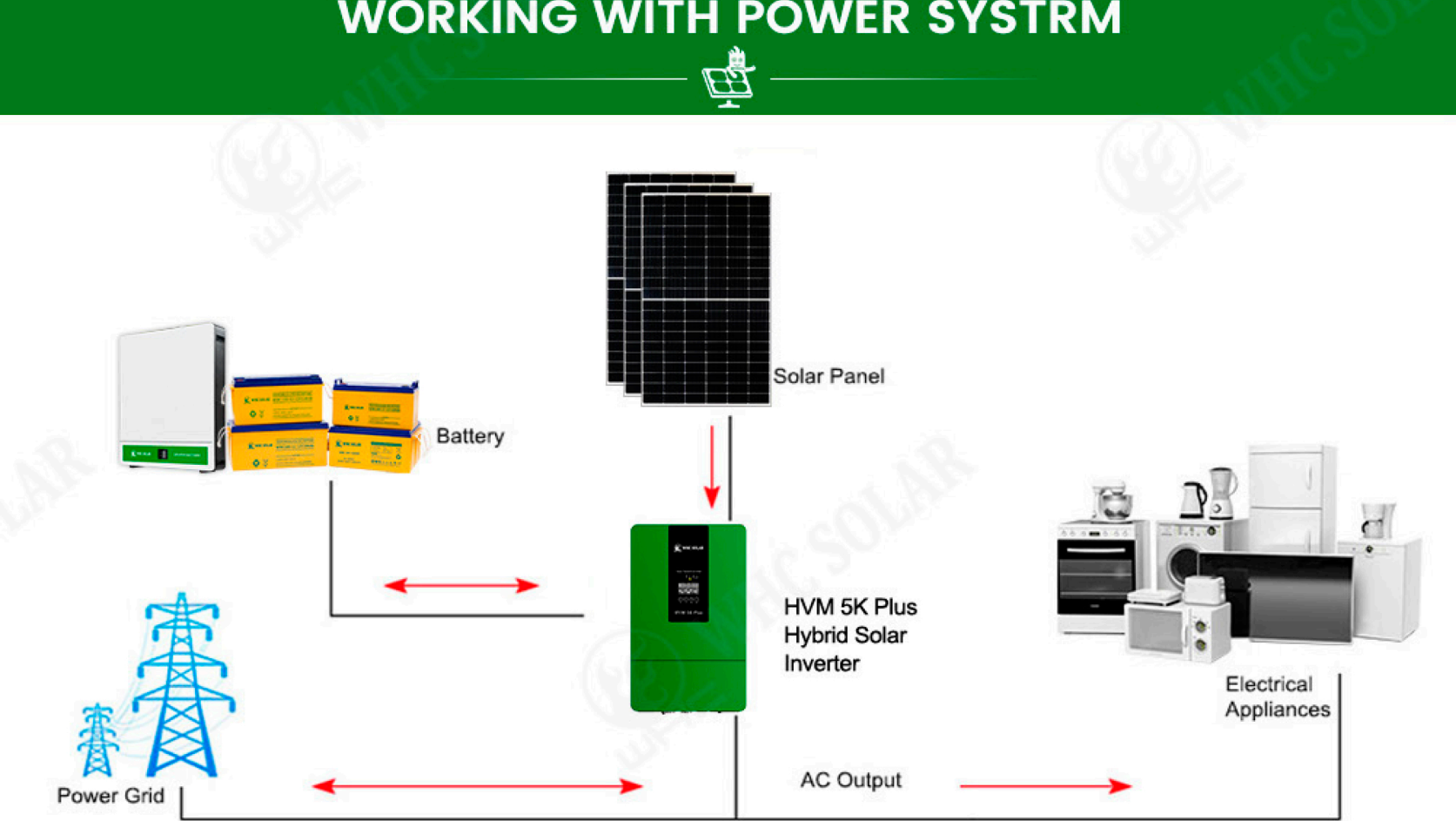
Waterproof, dustproof and insect-proof design

SPECIFICATION

Model	HVM 3.6K PLUS
-------	---------------

AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L+N+PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	3.6
Surge Power (kVA)	5.7
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50 / 60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110% load; 10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	92.7%@24VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV input Current / Input Power	18A / 5000W
MPPT Range@Operating Voltage (VDC)	40~450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV + AC)(A)	100
Battery	
Rated Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium and Lead-acid
Interface	
Interface	LCD
Interface	RS485 / RS232 / USB / DryContact
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10℃~50℃
Relative Humidity	5%~95%(Non-condensing)
Storage Temperature	-15℃~60℃
Net Weight (kg)	6.4
Dimensions (W*H*D)	490*306*115mm(without bracket)
Max.Operating Altitude	4000m (Derating above 1000m)

WORKING WITH POWER SYSTRM



PROJECTS



CERTIFICATION

