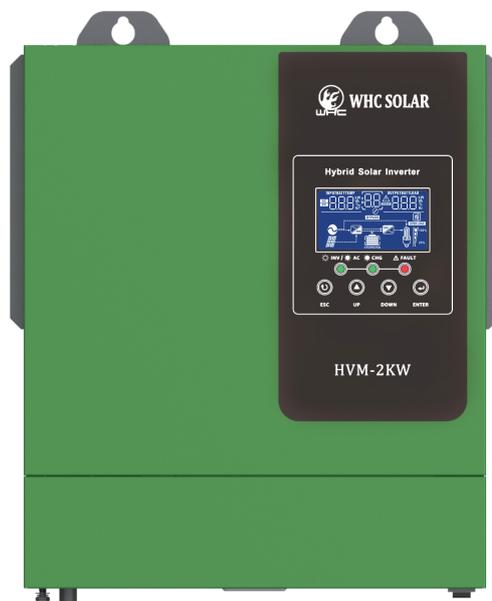


Features

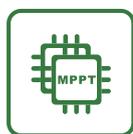
- Lithium Battery Activation By PV & Utility
- Pure Sine Wave
- PV Input 160Vdc Max
- Built-In MPPT 30A
- Detachable Dust Cover For Harsh Environment
- Support Multiple Output Priority: UTL,SOL,SBU
- EQ Function To Optimize Battery Performance And Extend Lifecycle



Lithium Battery
Activation



Output
Multiple Priority



MPPT



PV 30-160Vdc



Anti-Shock
Design Terminal



High Efficiency

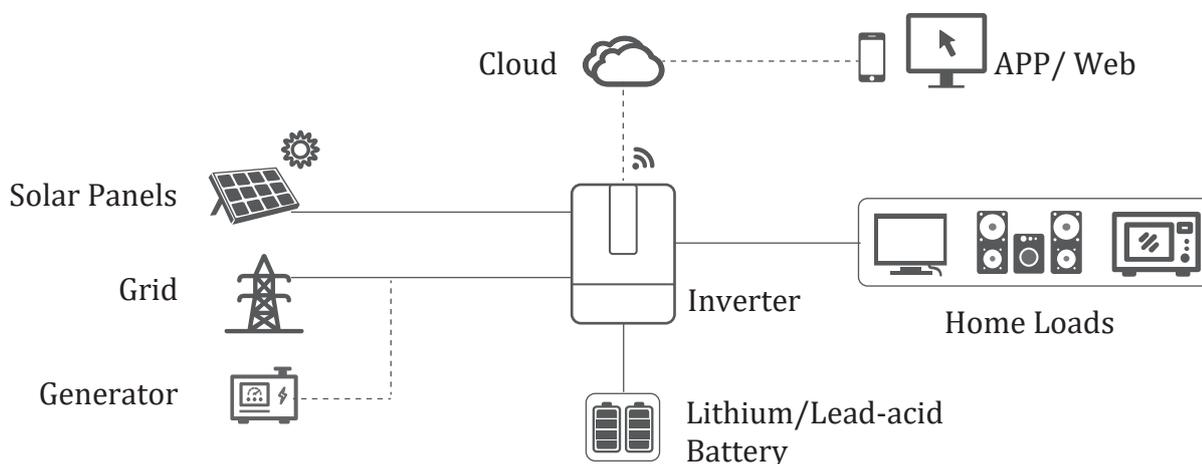


Pure Sine Wave



220V AC Socket

System Diagram





Specifications

Model	HVM-2KW
Capacity	2000VA/2000W
Parallel Capability	NO
Lithium Battery Activation	YES (AC & PV)
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer); 90-280VAC(For Home Appliances)
Frequency	50/60 Hz (Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC+5%
Surge Power	4000VA
Frequency	50/60 Hz
Waveform	Pure Sine Wave
Transfer Time	10ms(For personal Computer); 20ms(For Home Appliances)
Peak Efficiency (PV to BAT)	96%
Peak Efficiency (Battery to INV)	93%
Overload Protection	5s@>=140% load; 10s@100%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	24V
Floating Charge Voltage	27V
OverCharge Protection	31V
Charging Method	CC/CV
Solar Charger & AC Charger	
Solar Charger TYPE	MPPT
Max.PV Array Power	1200W
Max. PV Array Open Circuit Voltage	160VDC
PV Array MPPT Voltage Range	30VDC~160VDC
Max. Solar Input Current	30
Max. Solar Charge Current	40
Max. AC Charge Current	40
Max. Charge Current(AC+PV)	80
PHYSICAL	
Dimensions, D * W * H(mm)	358*295*105
Package Dimensions, D * W * H(mm)	384*339*174
Net Weight (Kgs)	3.8
ENVIRONMENT	
Operating Temperature Range	-10°C~ 55°C
Storage temperature	-15°C~ 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)