










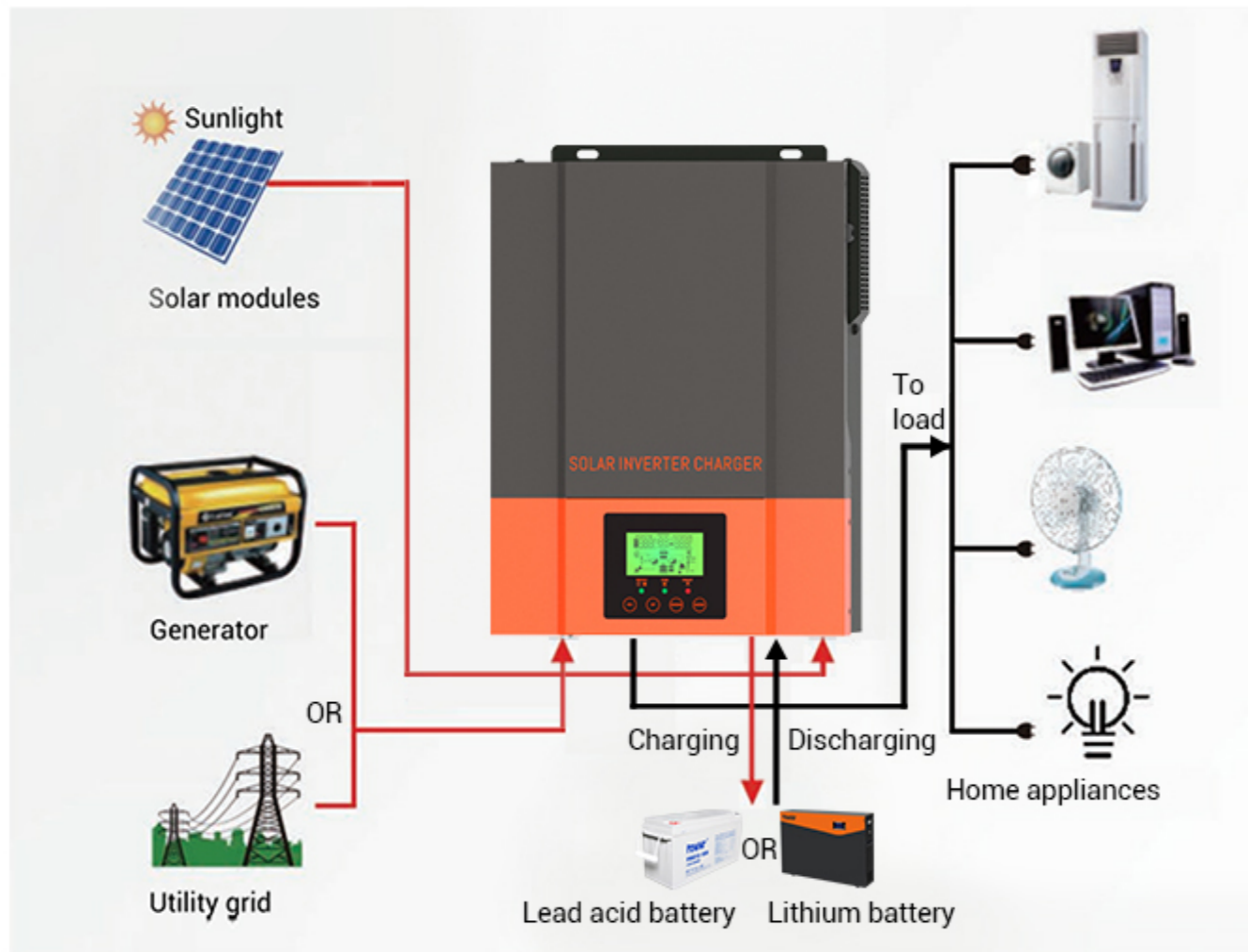




1500W 2400W Inverter

- 
1500W/2400W Output Power
- 
1500W/2400W Pure Sine Wave
- 
450V Max PV input
- 
12V/24VDC Battery Voltage
- 
80A Max PV Charge Current
- 
80A Max AC Charge Current
- 
230VAC Output Voltage
- 
Charge lead acid and lithium battery
- 
50/60Hz Auto Frequency Range
- 
BMS/RS232/ GPRS/WIFI
- 
WIFI Monitor Optional

System Diagram



Technical Specification for Selection Guide

Models	POW-HVM1.5H-12V	POW-HVM2.4H-24V
Rated Power	1500VA/1500W	3000VA/2400W
Input		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz(Auto sensing)	
Output		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge power	3000W	4800W
Efficiency(Peak)PV to INV	97%	
Efficiency(Peak)BAT to INV	94%	
Transfer Time	10ms(for personal computers) 20ms(for home appliances)	
Wave form	Pure Sine Wave	
Battery & AC Charger		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum Charge current	60A	
Solar charger		
MAX.PV Array Power	2000W	3000W
MPPT Range@ Operating Voltage	90-430VDC	
Maximum PV Array Open Circuit Voltage	450VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
Physical		
Dimension,D*W*H(mm)	348*270*95	
Net Weight (kgs)	4kg	5kg
Communication interface	RS232(Standard) GPRS/WIFI(Optional)	
Operating environment		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	