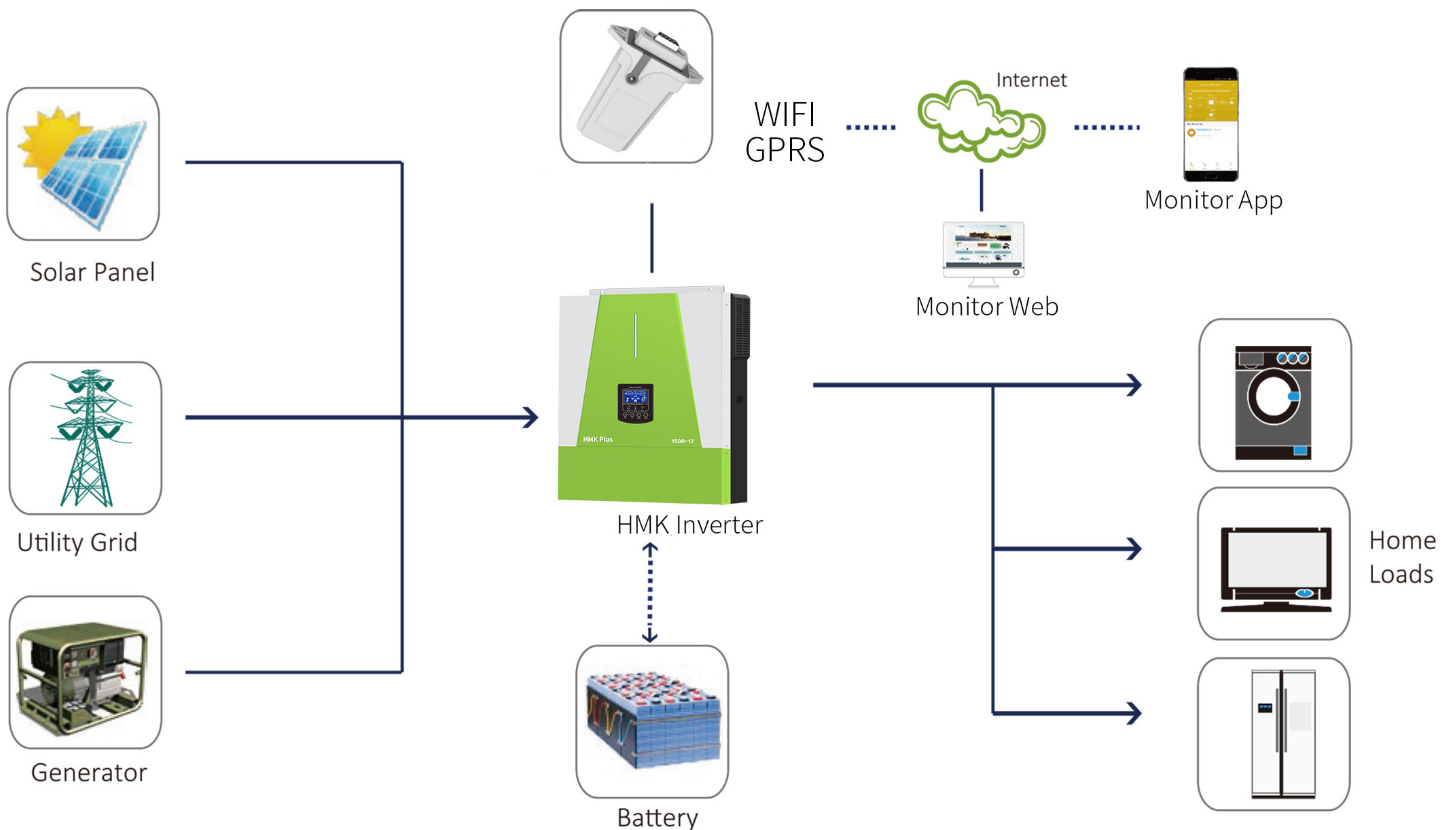


# HMK Plus Series

## High Frequency Off-Grid Solar Inverter

### MAIN FEATURES:

- ➔ High efficiency pure sine wave inverter (PF=1).
- ➔ Wide PV input range (80Vdc–500Vdc) 80A MPPT SCC.
- ➔ Intelligent 3 stage 80A AC battery charger.
- ➔ Intelligent functionality enables utility & solar input prioritization.
- ➔ Monitor, troubleshoot, or communication with USB/RS232.
- ➔ System configures quickly into compact, wall-mounted system.
- ➔ Enhance MPPT solar charge controller up to 2000 WATTS.
- ➔ Efficiently works without battery.
- ➔ Adaptable to Main Voltage / Generator Power.
- ➔ Built-in Anti Dust Kit.



### INTRODUCTION:

The HMK Plus series all in one solar system is the perfect go-to solution for off-grid, backup power for homes, small business, and it also delivers a value added, easy to install system that provides efficient power globally for every need.

Combined with a 80A MPPT Solar Charge Controller, 80A AC charge Controller and Pure Sinewave Inverter. Efficiently works without battery.



# High Frequency Solar Inverter

## SPECIFICATION

Model	HMK Plus 1500
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Rated Power	1500W
System DC voltage	230 VAC
Monitoring Option	Wifi or Gprs

## Inverter Output

AC Voltage	230VAC $\pm$ 5%
Surge Power	3000VA
Peak Efficiency	94%
Tansfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave

## Solar Charger&AC Charger

Max. PV Array Open Circuit Voltage	450 VDC
Max. PV Array Power	2000W
Operating Voltage MPPT Range	80 ~ 430 VDC
Battery Overcharge Protection	16 VDC
Max. Solar Charge Current	80A
Max. AC Charge Current	80A
Max. Charge Current	80A

## Physical

Dimension	100 x 270 x 350mm
Net Weight	6.9KG
Communication Interface	USB/RS232

## Environment

Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C-55°C
Storage	-15°C-60°C

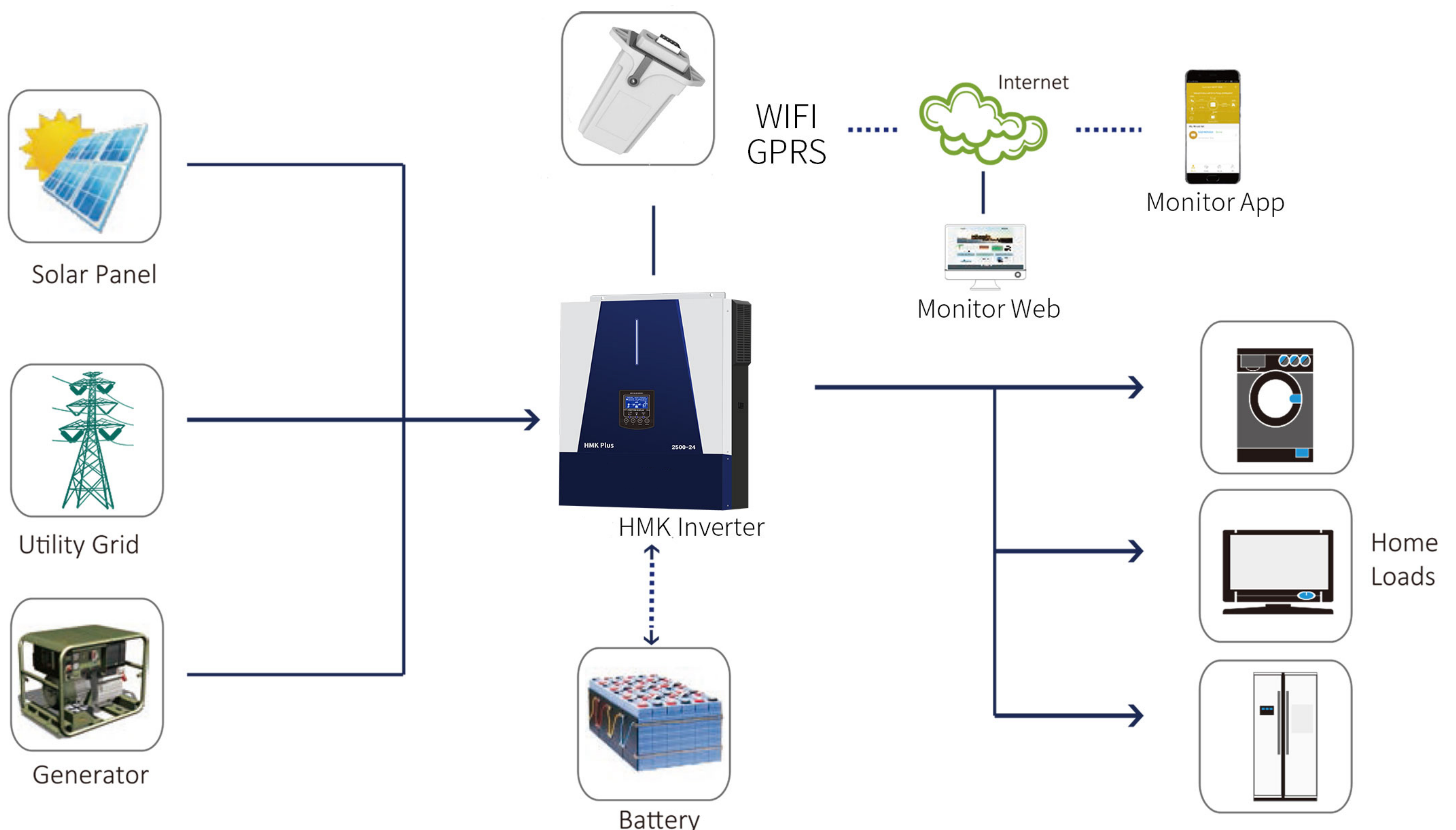


# HMK Plus Series

## High Frequency Off-Grid Solar Inverter

### MAIN FEATURES:

- High efficiency pure sine wave inverter (PF=1).
- Wide PV input range (80Vdc–500Vdc) 80A MPPT SCC.
- Intelligent 3 stage 80A AC battery charger.
- Intelligent functionality enables utility & solar input prioritization.
- Monitor, troubleshoot, or communication with USB/RS232.
- System configures quickly into compact, wall-mounted system.
- Enhance MPPT solar charge controller up to 3000 WATTS.
- Efficiently works without battery.
- Adaptable to Main Voltage / Generator Power.
- Built-in Anti Dust Kit.



### INTRODUCTION:

The HMK Plus series all in one solar system is the perfect go-to solution for off-grid, backup power for homes, small business, and it also delivers a value added, easy to install system that provides efficient power globally for every need.

Combined with a 80A MPPT Solar Charge Controller, 80A AC charge Controller and Pure Sinewave Inverter. Efficiently works without battery.



# High Frequency Solar Inverter

## SPECIFICATION

### Model

### HMK Plus 2500

Rated Power	2500W
System DC voltage	230 VAC
Monitoring Option	Wifi or Gprs

## Inverter Output

AC Voltage	230VAC $\pm$ 5%
Surge Power	5000VA
Peak Efficiency	94%
Tansfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave

## Solar Charger&AC Charger

Max. PV Array Open Circuit Voltage	450 VDC
Max. PV Array Power	3000W
Operating Voltage MPPT Range	80 ~ 430 VDC
Battery Overcharge Protection	31 VDC
Max. Solar Charge Current	80A
Max. AC Charge Current	80A
Max. Charge Current	80A

## Physical

Dimension	100 x 270 x 350mm
Net Weight	7.2KG
Communication Interface	USB/RS232

## Environment

Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C-55°C
Storage	-15°C-60°C

\*Product specifications are subject to change without further notice.

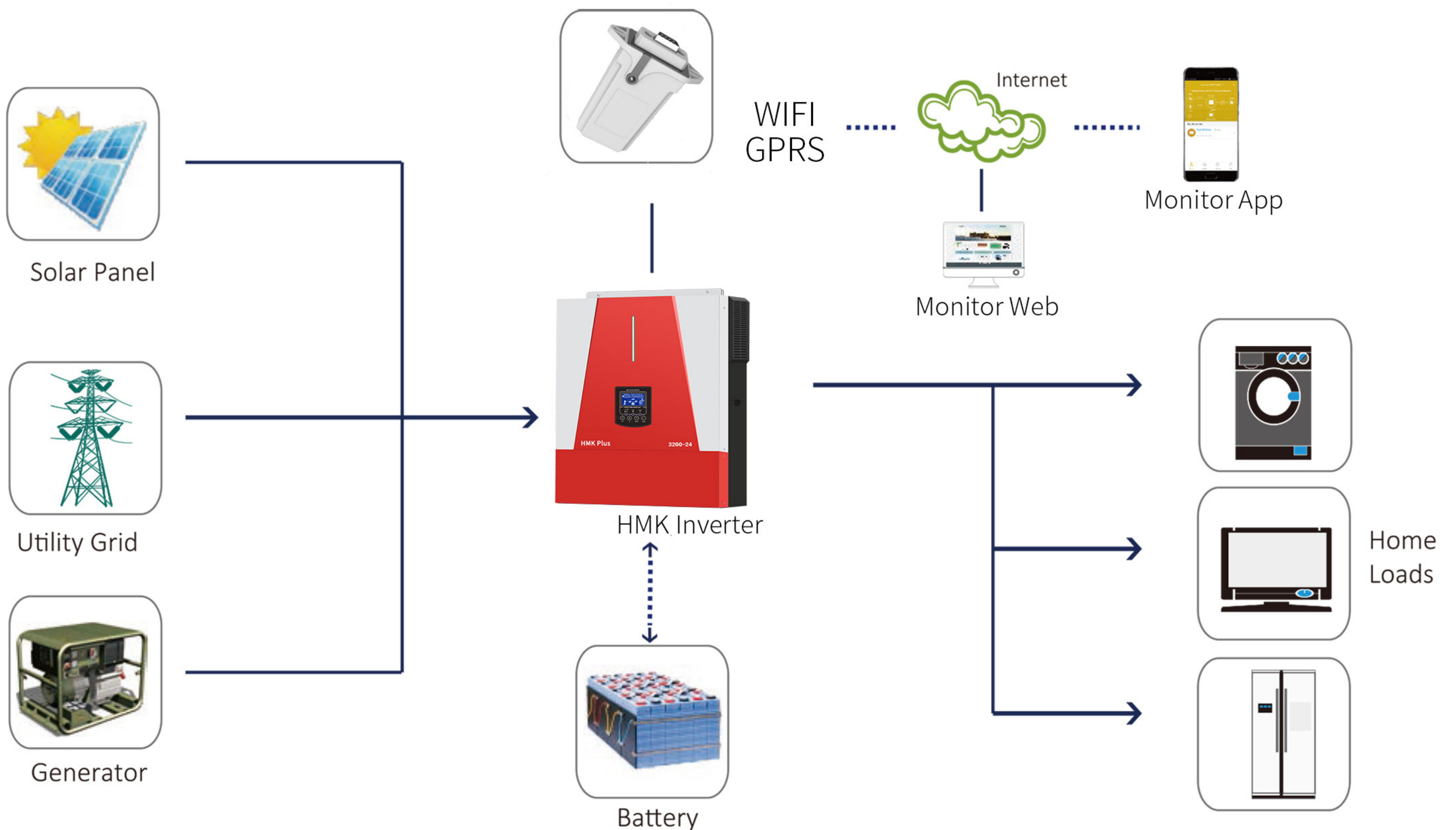


# HMK Plus Series

## High Frequency Off-Grid Solar Inverter

### MAIN FEATURES:

- ➔ High efficiency pure sine wave inverter (PF=1).
- ➔ Wide PV input range (120Vdc-500Vdc) 100A MPPT SCC.
- ➔ Intelligent 3 stage 100A AC battery charger.
- ➔ Intelligent functionality enables utility & solar input prioritization.
- ➔ Monitor, troubleshoot, or communication with USB/RS232.
- ➔ System configures quickly into compact, wall-mounted system.
- ➔ Enhance MPPT solar charge controller up to 4000 WATTS.
- ➔ Efficiently works without battery.
- ➔ Adaptable to Main Voltage / Generator Power.
- ➔ Built-in Anti Dust Kit.



### INTRODUCTION:

The HMK Plus series all in one solar system is the perfect go-to solution for off-grid, backup power for homes, small business, and it also delivers a value added, easy to install system that provides efficient power globally for every need.

Combined with a 100A MPPT Solar Charge Controller, 100A AC charge Controller and Pure Sinewave Inverter. Efficiently works without battery.



# High Frequency Solar Inverter

## SPECIFICATION

### Model

### HMK Plus 3200

Rated Power 3200W

System DC voltage 230 VAC

Monitoring Option Wifi or Gprs

## Inverter Output

AC Voltage 230VAC  $\pm$  5%

Surge Power 6400VA

Peak Efficiency 94%

Tansfer Time 10 ms (For Personal Computers) ; 20 ms (For Home Appliances)

Waveform Pure Sine Wave

## Solar Charger&AC Charger

Max. PV Array Open Circuit Voltage 500 VDC

Max. PV Array Power 5000W

Operating Voltage MPPT Range 120 ~ 450 VDC

Battery Overcharge Protection 33 VDC

Max. Solar Charge Current 100A

Max. AC Charge Current 100A

Max. Charge Current 100A

## Physical

Dimension 100 x 300 x 440mm

Net Weight 7.8KG

Communication Interface USB/RS232

## Environment

Humidity 5% to 95% Relative Humidity(Non-condensing)

Operating Temperature 0°C-55°C

Storage -15°C-60°C

\*Product specifications are subject to change without further notice.

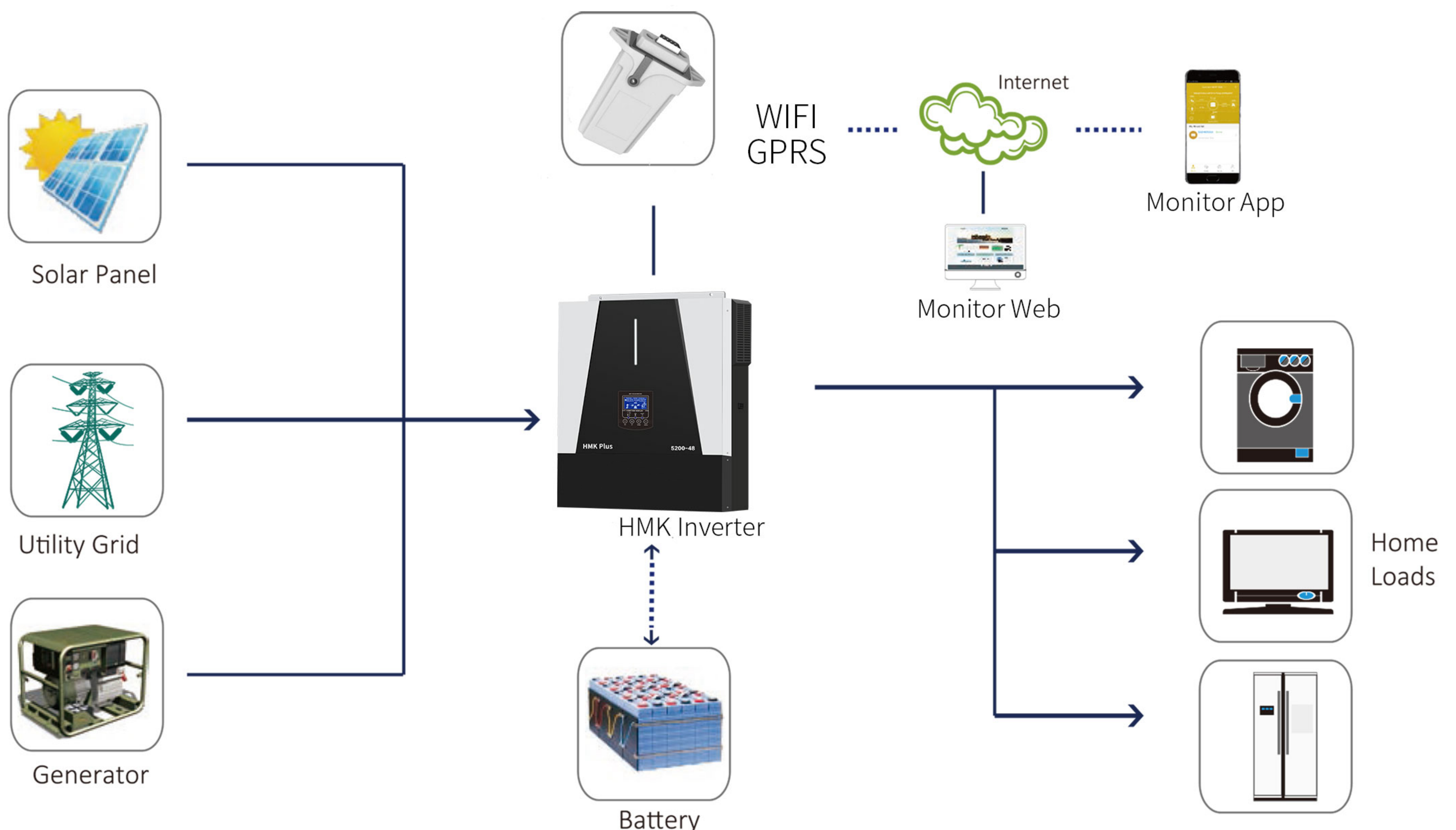


# HMK Plus Series

## High Frequency Off-Grid Solar Inverter

### MAIN FEATURES:

- ➔ High efficiency pure sine wave inverter (PF=1).
- ➔ Wide PV input range (120Vdc-500Vdc) 100A MPPT SCC.
- ➔ Intelligent 3 stage 100A AC battery charger.
- ➔ Intelligent functionality enables utility & solar input prioritization.
- ➔ Monitor, troubleshoot, or communication with USB/RS232.
- ➔ System configures quickly into compact, wall-mounted system.
- ➔ Enhance MPPT solar charge controller up to 6000 WATTS.
- ➔ Efficiently works without battery.
- ➔ Adaptable to Main Voltage / Generator Power.
- ➔ Built-in Anti Dust Kit.



### INTRODUCTION:

The HMK Plus series all in one solar system is the perfect go-to solution for off-grid, backup power for homes, small business, and it also delivers a value added, easy to install system that provides efficient power globally for every need.

Combined with a 100A MPPT Solar Charge Controller, 100A AC charge Controller and Pure Sinewave Inverter. Efficiently works without battery.



# High Frequency Solar Inverter

## SPECIFICATION

### Model

HMK Plus 5200

Rated Power 5200W

System DC voltage 230 VAC

Monitoring Option Wifi or Gprs

## Inverter Output

AC Voltage 230VAC  $\pm$  5%

Surge Power 10400VA

Peak Efficiency 94%

Tansfer Time 10 ms (For Personal Computers) ; 20 ms (For Home Appliances)

Waveform Pure Sine Wave

## Solar Charger&AC Charger

Max. PV Array Open Circuit Voltage 500 VDC

Max. PV Array Power 6000W

Operating Voltage MPPT Range 120 ~ 450 VDC

Battery Overcharge Protection 63 VDC

Max. Solar Charge Current 100 A

Max. AC Charge Current 100A

Max. Charge Current 100A

## Physical

Dimension 100 x 300 x 440mm

Net Weight 10.2KG

Communication Interface USB/RS232

## Environment

Humidity 5% to 95% Relative Humidity(Non-condensing)

Operating Temperature 0°C-55°C

Storage -15°C-60°C