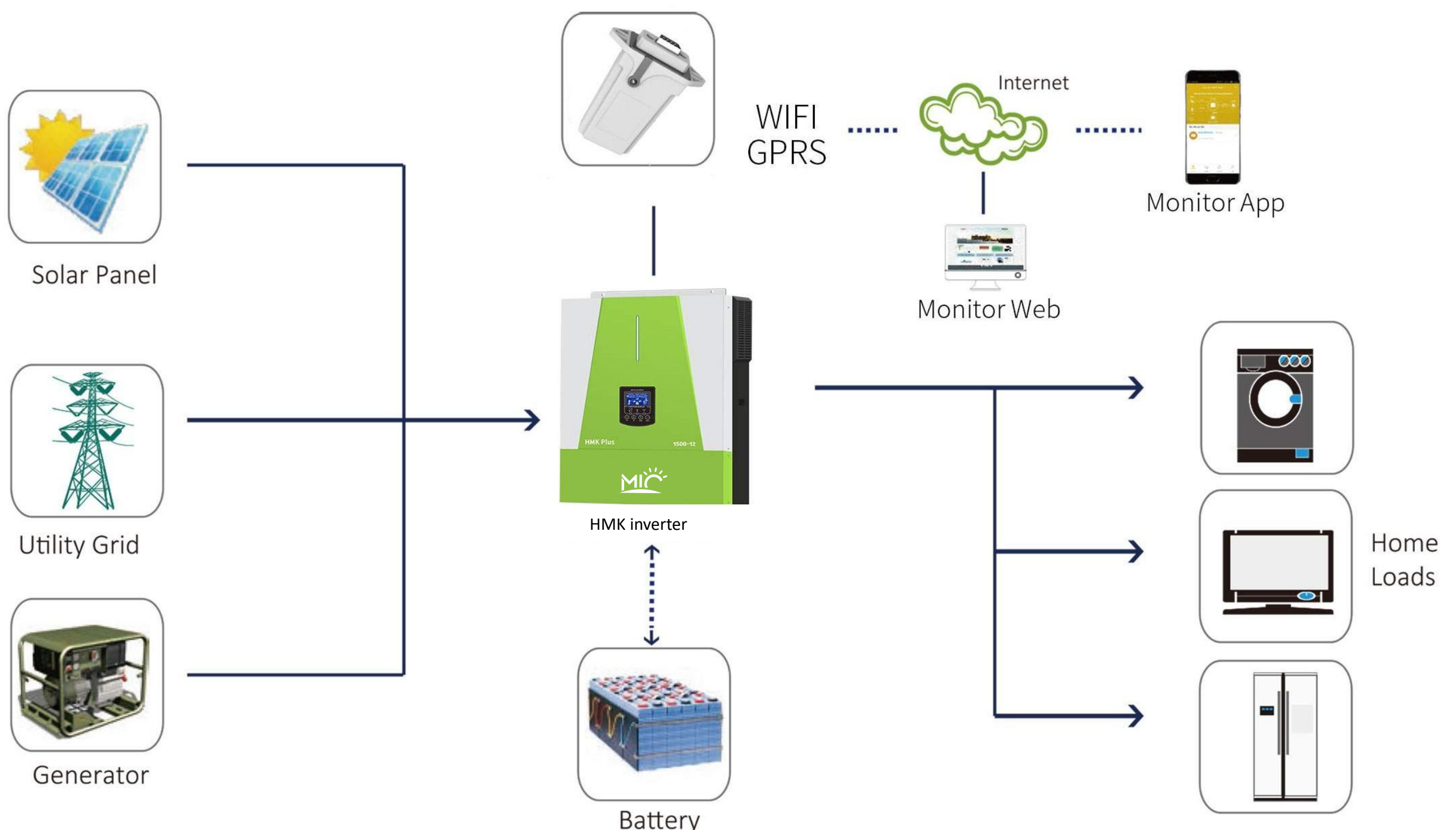


HMK Plus Series

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 a perfect 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
-------	---------------

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

Inverter Output

AC Voltage	230VAC ± 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

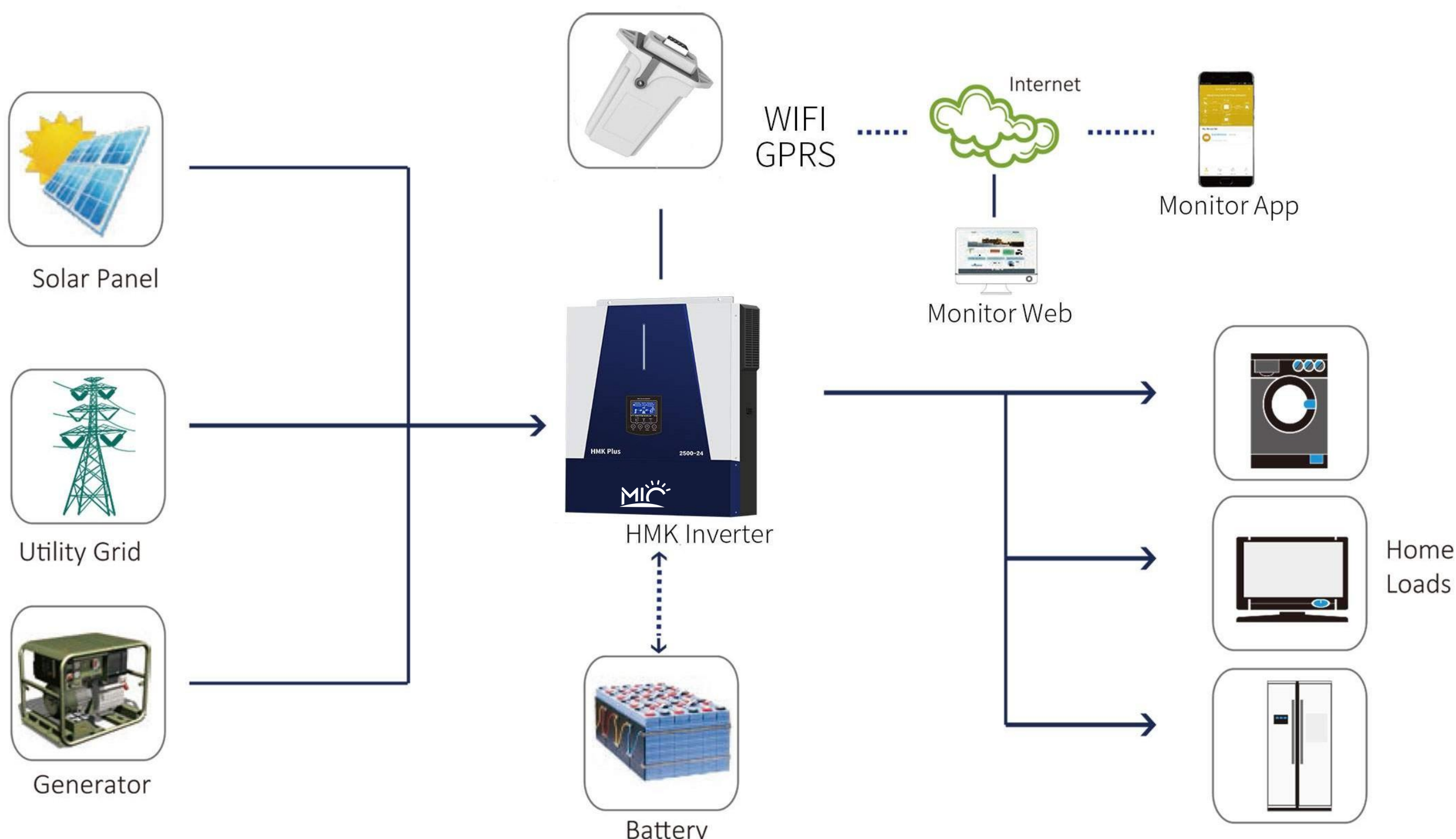
*Product specifications are subject to change without further notice.

HMK Plus Series

High Frequency Off-Grid Solar Inverter

MAIN FEATURES:

- ➔ High efficiency pure sine wave inverter (PF=1).
- ➔ Wide PV input range (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 a perfect 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

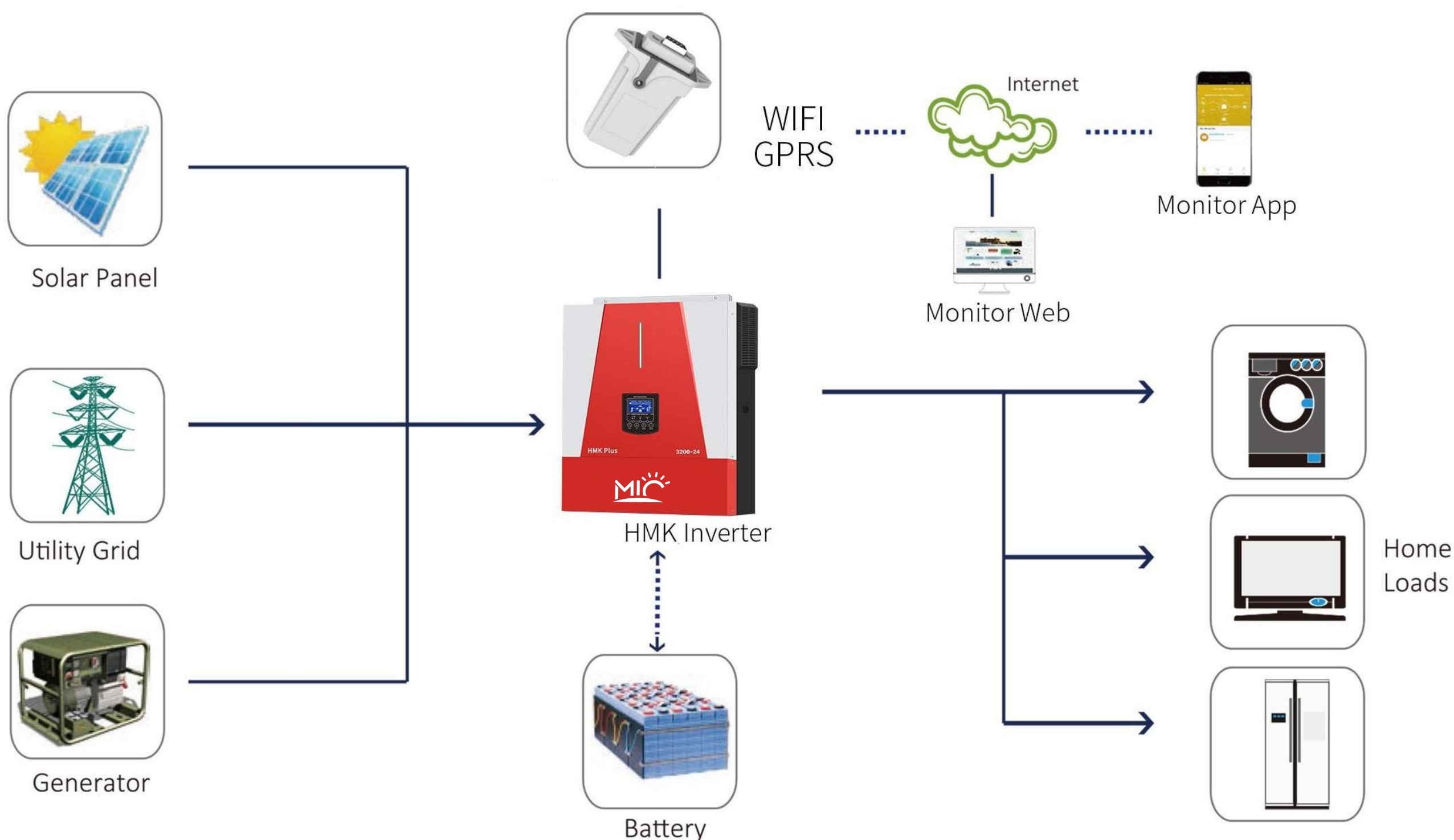
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C-55°C
Storage	-15°C-60°C

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 a perfect 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 3500
-------	---------------

Rated Power	3500 W
System DC voltage	230 VAC
Monitoring Option	Wifi or Gprs

Inverter Output

AC Voltage	230VAC \pm 5%
Surge Power	7000 VA
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

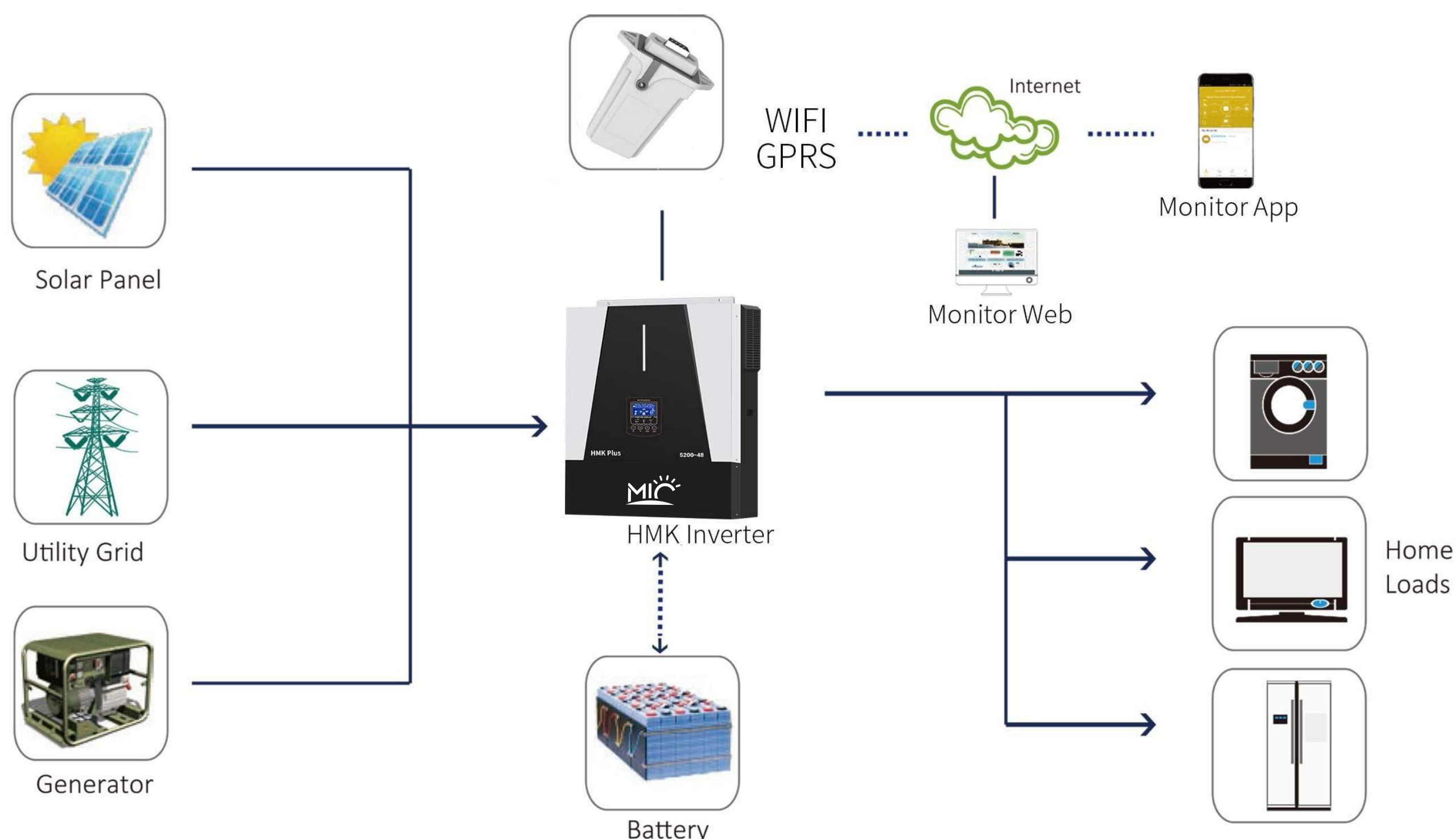
*Product specifications are subject to change without further notice.

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 a perfect 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 5500

Rated Power 5500W

System DC voltage 230 VAC

Monitoring Option Wifi or Gprs

Inverter Output

AC Voltage 230VAC \pm 5%

Surge Power 11000VA

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