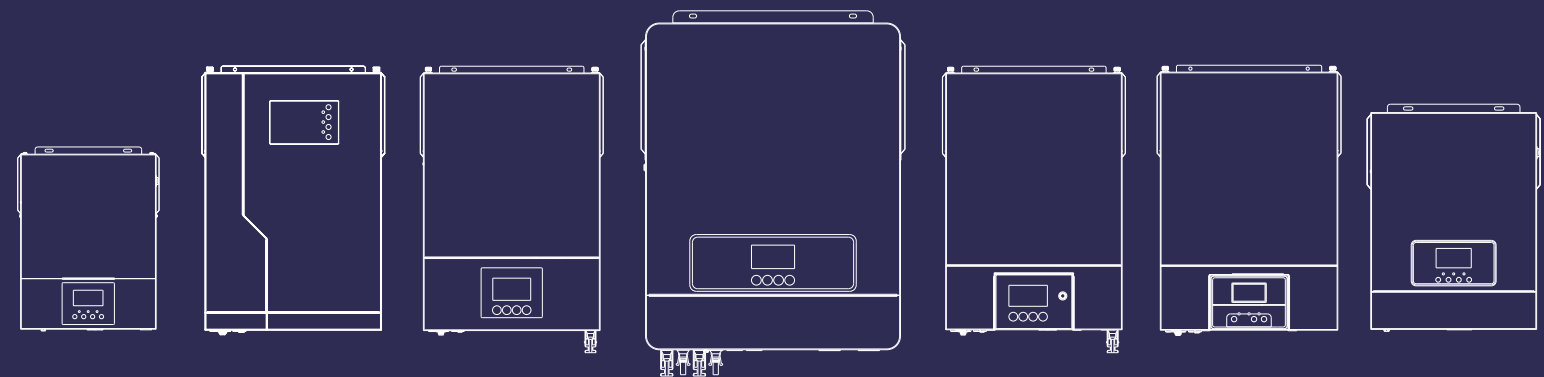


SOLAR STRING INVERTER

ENGINEERED FOR SOLAR

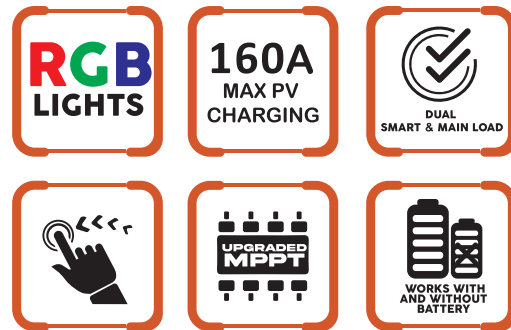


HS MAX SERIES



Features

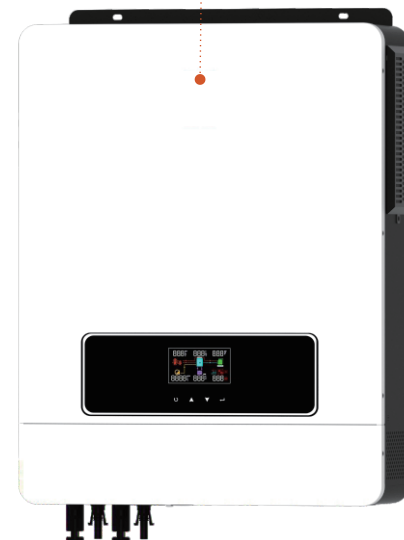
- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter running without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 160A MPPT solar charger
- High PV input voltage range(90~450VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output
- Touch button



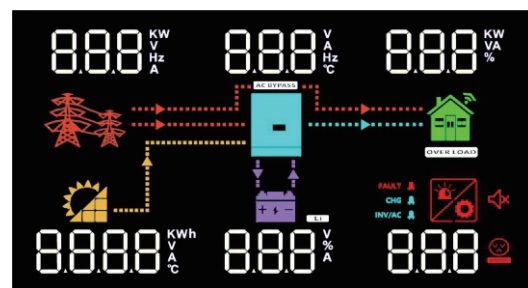
RGB LIGHT

RGB lighting for different working mode

RGB automatically switches with the working mode of the inverter:
 Battery mode: red;
 Utility mode: blue;
 PV mode: purple;



LCD Display



WIFI&GPRS available for ios and Android



MODEL	HS MAX-7.2KW	HS MAX-8.2KW	HS MAX-10.2KW
Phase	1-phase		
Maximum PV Input Power	7200W	8200W	10200W
Rated Output Power	7200W/7200VA	8200W/8200VA	10200W/10200VA
Maximum Solar Charging Current	160A	160A	160A
GRID-TIE OPERATION			
PV Input(DC)			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC		
MPPT Voltage Range	90VDC~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A		
GRID OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195~253VAC		
Nominal Output Current	31.3A	35.6A	44.3A
Power Factor	>0.99		
Feed-in Grid Frequency Range	49~51±1Hz		
EFFICIENCY			
Maximum Conversion Efficiency(DC/AC)	98%		
TWO LOAD OUTPUT POWER			
Full Load	7200W	8200W	10200W
Maximum Main Load	7200W	8200W	10200W
Maximum Second Load(battery mode)	2400W	2733W	3400W
Main Load Cut Off Voltage	44VDC	44VDC	44VDC
Main Load Return Voltage	54VDC	54VDC	54VDC
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	40A	40A	50A
Nominal operating frequency	50/60Hz		
Surge power	14400W	16400W	20400W
PV INPUT(DC)			
Maximum DC Voltage	500VDC		
MPPT Voltage Range	90VDC~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A		
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Waveform	Pure sine wave		
Efficiency(DC to AC)	94%		
BATTERY & CHARGER			
Nominal DC Voltage	48VDC	48VDC	48VDC
Maximum Solar Charging Current	160A	160A	160A
Maximum AC Charging Current	140A	140A	140A
GENERAL			
PHYSICAL			
Dimension,D x W x H(mm)	420*310*110		
Cartoon Dimension,D X W XH(mm)	588*463*205		
Net Weight(kgs)	13.1	14.2	14.5
Gross Weight(kgs)	14.1	15.7	16.0
INTERFACE			
Communication Port	RS232/ WIFI/Remove LCD/GPRS		
ENVIRONMENT			
Operating Temperature	-10~50℃		

HS SERIES



Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter running without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 120A(for 3.6KW/6.2KW)
- MPPT:Max 6200w(for 3.6kw),max 6500w (for 6.2kw) solar charge
- High PV input voltage range(90~450VDC) Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output

120A
MAX PV
CHARGING

PURE
SINE WAVE

WORKS
WITH AND WITHOUT
BATTERY

UPGRADED
MPPT

LI-ION

BUILT IN
ANTI DUST
KIT

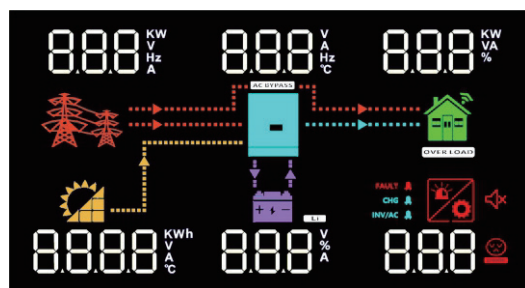
RGB LIGHT

RGB lighting for different working mode

RGB automatically switches with the working mode of the inverter:
 Battery mode: red;
 Utility mode: blue;
 PV mode: purple;



LCD Display

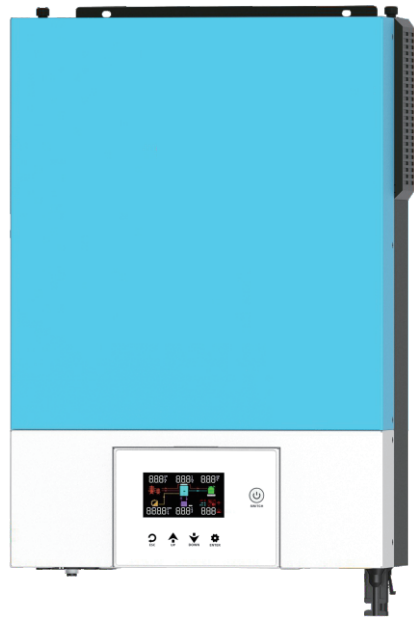


WIFI&GPRS available for ios and Android



MODEL	HS -3.6KW PLUS	HS -6.2KW PLUS
Phase	1-phase	
Maximum PV Input Power	6200W	6500W
Rated Output Power	3600W	6200W
Maximum Solar Charging Current	120A	120A
GRID-TIE OPERATION		
PV Input(DC)		
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC	
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC	
Maximum DC Voltage	90~450VDC	
Number of MPPT Trackers/Maximum Input Current	1/27A	
GRID OUTPUT(AC)		
Nominal Output Voltage	220/230/240VAC	
Output Voltage Range	195.5~253VAC	
Nominal Output Current	15.7A	27.0A
Power Factor	>0.99	
Feed-in Grid Frequency Range	49~51±1Hz	
EFFICIENCY		
Maximum Conversion Efficiency(S _{load} to AC)	98%	
TWO LOAD OUTPUT POWER(V2.0)		
Full Load	3600W	6200W
Maximum Main Load	3600W	6200W
Maximum Second Load(battery mode)	1200W	2067W
Main Load Cut Off Voltage	22VDC	44VDC
Main Load Return Voltage	27VDC	54VDC
OFF-GRID OPERATION		
AC INPUT		
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC	
Acceptable Input Voltage Range	90-280VAC or 170-280VAC	
Maximum AC Input Current	30A	40A
Nominal operating frequency	50/60Hz	
Surge power	7200W	12400W
BATTERY MODE OUTPUT(AC)		
Nominal Output Voltage	220/230/240VAC	
Output Waveform	Pure sine wave	
Efficiency(DC to AC)	94%	
BATTERY & CHARGER		
Nominal DC Voltage	24VDC	48VDC
Maximum Charging Current (Solar to AC)	120A	120A
Maximum AC Charging Current	100A	
GENERAL		
PHYSICAL		
Dimension,D x W x H(mm)	420*310*110	
Net Weight(kgs)	10	11
INTERFACE		
Communication Port	RS232/WIFI/GPRS	
ENVIRONMENT		
Operating Temperature	-10~50℃	

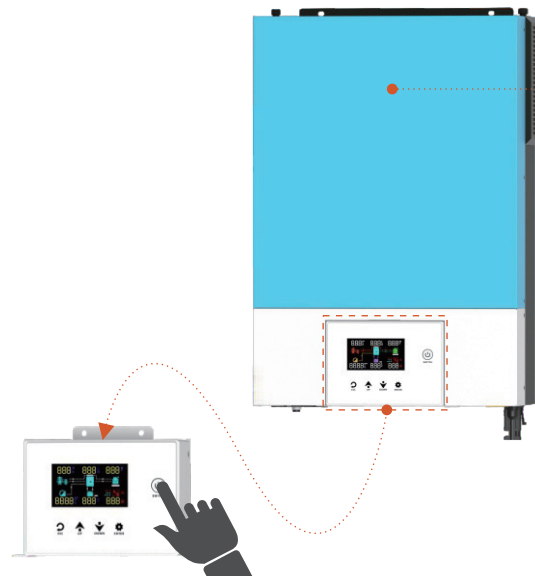
HS-PRO SERIES



Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter running without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 120A(for 3.6KW/6.2KW)/140A(for 4. 2KW)
- MPPT:Max 6200w(for 3.6kw/4.2kw),max 6500w (for 6.2kw) solar charge
- High PV input voltage range(90~450VDC) Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output(V2.0)

Removable display

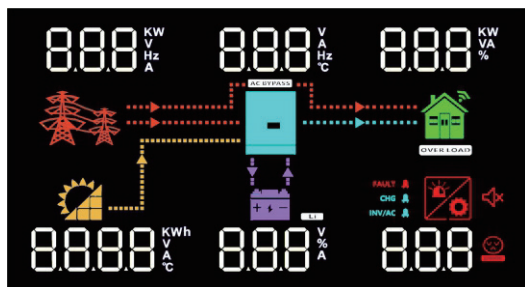


RGB LIGHT

RGB lighting for different working mode

RGB automatically switches with the working mode of the inverter:
 Battery mode: red;
 Utility mode: blue;
 PV mode: purple;

LCD Display



WIFI&GPRS available for ios and Android



MODEL	HS-PRO-3 6KW	HS-PRO-4.2KW	HS-PRO-6.2KW
Phase	1-phase		
Maximum PV Input Power	6200W	6200W	6500W
Rated Output Power	3600W	4200W	6200W
Maximum Solar Charging Current	120A	140A	120A
GRID-TIE OPERATION			
PV Input(DC)			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC		
Maximum DC Voltage	90~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A		
GRID OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195.5~253VAC		
Nominal Output Current	15.7A	18.2A	27.0A
Power Factor	>0.99		
Feed-in Grid Frequency Range	49~51±1Hz		
EFFICIENCY			
Maximum Conversion Efficiency(Solar to AC)	98 %		
TWO LOAD OUTPUT POWER(V2.0)			
Full Load	3600W	4200W	6200W
Maximum Main Load	3600W	4200W	6200W
Maximum Second Load(battery mode)	1200W	1400W	2067W
Main Load Cut Off Voltage	22VDC	22VDC	44VDC
Main Load Return Voltage	24VDC	24VDC	48VDC
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	30A	30A	40A
Nominal operating frequency	50/60Hz		
Surge power	7200W	8400W	12400W
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Waveform	Pure sine wave		
Efficiency(DC to AC)	94%		
BATTERY & CHARGER			
Nominal DC Voltage	24VDC	24VDC	48VDC
Maximum Charging Current (Solar to AC)	120A	140A	120A
Maximum AC Charging Current	100A		
GENERAL			
PHYSICAL			
Dimension,D x W x H(mm)	420*310*110		
Net Weight(kgs)	10	11	11
INTERFACE			
Communication Port	RS232/WIFI/Remove LCD/GPRS		
ENVIRONMENT			
Operating Temperature	-10 ~50℃		

HS-IV SERIES



Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter running without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 120A(for 3.6KW/6.2KW)/140A(for 4.2KW)
- MPPT:Max 6200w(for 3.6kw/4.2kw),max 6500w (for 6.2kw) solar charge
- High PV input voltage range(90~450VDC) Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output(V2.0)

140A
MAX PV
CHARGING

PURE
SINE WAVE

WORKS
WITH AND WITHOUT
BATTERY

UPGRADED
MPPT

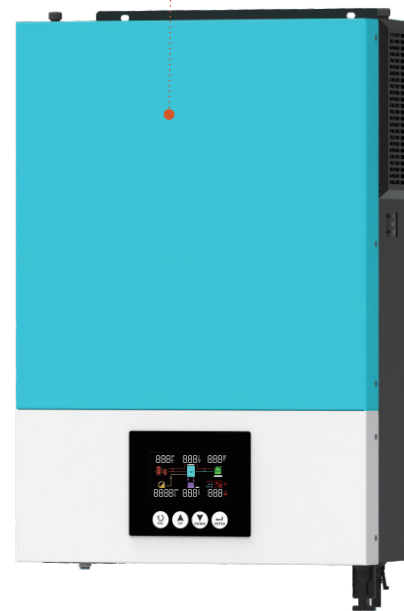
LI-ION

BUILT IN
ANTI DUST
KIT

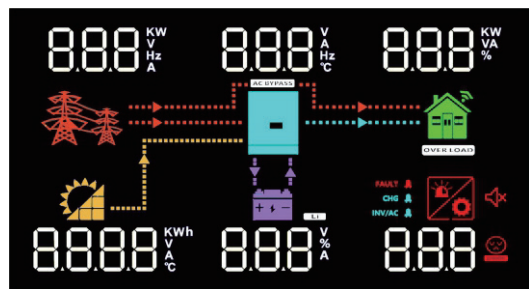
RGB LIGHT

RGB lighting for different working mode

RGB automatically switches with the working mode of the inverter:
 Battery mode: red;
 Utility mode: blue;
 PV mode: purple;



LCD Display

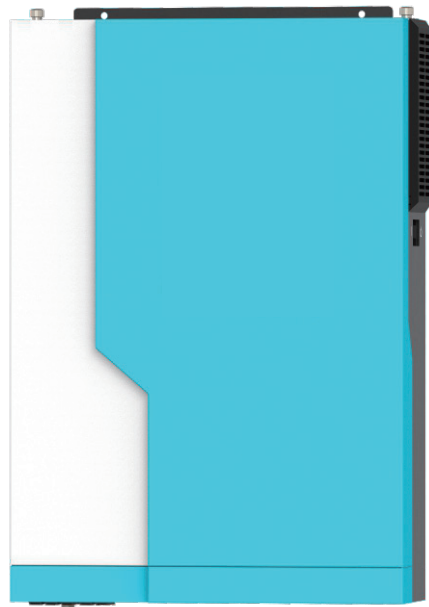


WIFI&GPRS available for ios and Android



MODEL	HS-IV-3.6KW PLUS	HS-IV-4.2KW PLUS	HS-IV-6.2KW PLUS
Phase	1-phase		
Maximum PV Input Power	6200W	6200W	6500W
Rated Output Power	3600W	4200W	6200W
Maximum Solar Charging Current	120A	140A	120A
GRID-TIE OPERATION			
PV Input(DC)			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC		
Maximum DC Voltage	90~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A		
GRID OUTPUT(AC)			
Nominal Output Voltage	200/230/240VAC		
Output Voltage Range	195.5~253VAC		
Nominal Output Current	15.7A	18.2A	27.0A
Power Factor	>0.99		
Feed-in Grid Frequency Range	49~51±1Hz		
EFFICIENCY			
Maximum Conversion Efficiency(S _{load} to AC)	98 %		
TWO LOAD OUTPUT POWER(V2.0)			
Full Load	3600W	4200W	6200W
Maximum Main Load	3600W	4200W	6200W
Maximum Second Load(battery mode)	1200W	1400W	2067W
Main Load Cut Off Voltage	22VDC	22VDC	44VDC
Main Load Return Voltage	24VDC	24VDC	48VDC
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	30A	30A	40A
Nominal operating frequency	50/60Hz		
Surge power	7200W	8400W	12400 W
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage	24VDC	24VDC	48VDC
Output Waveform	Pure sine wave		
Efficiency(DC to AC)	94%		
BATTERY & CHARGER			
Nominal DC Voltage	24VDC	24VDC	48VDC
Maximum Charging Current (Solar to AC)	120A	140A	120A
Maximum AC Charging Current	100A		
GENERAL			
PHYSICAL			
Dimension,D x W x H(mm)	420*310*110		
Net Weight(kgs)	10	11	11
INTERFACE			
Communication Port	RS232/WIFI/GPRS		
ENVIRONMENT			
Operating Temperature	-10 ~50℃		

HS-II PLUS SERIES



- Max. Efficiency
98%
- 100A MPPT
- RS232/GPRS
WIFI
- IP21
Ingress Protection

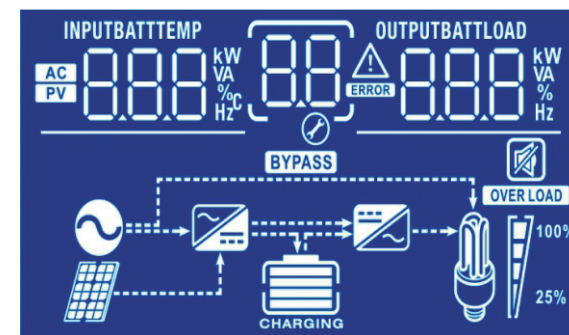
Features

- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and android
- Inverter running without battery
- Built-in 100A MPPT solar charger
- High PV input voltage range(120~450VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life

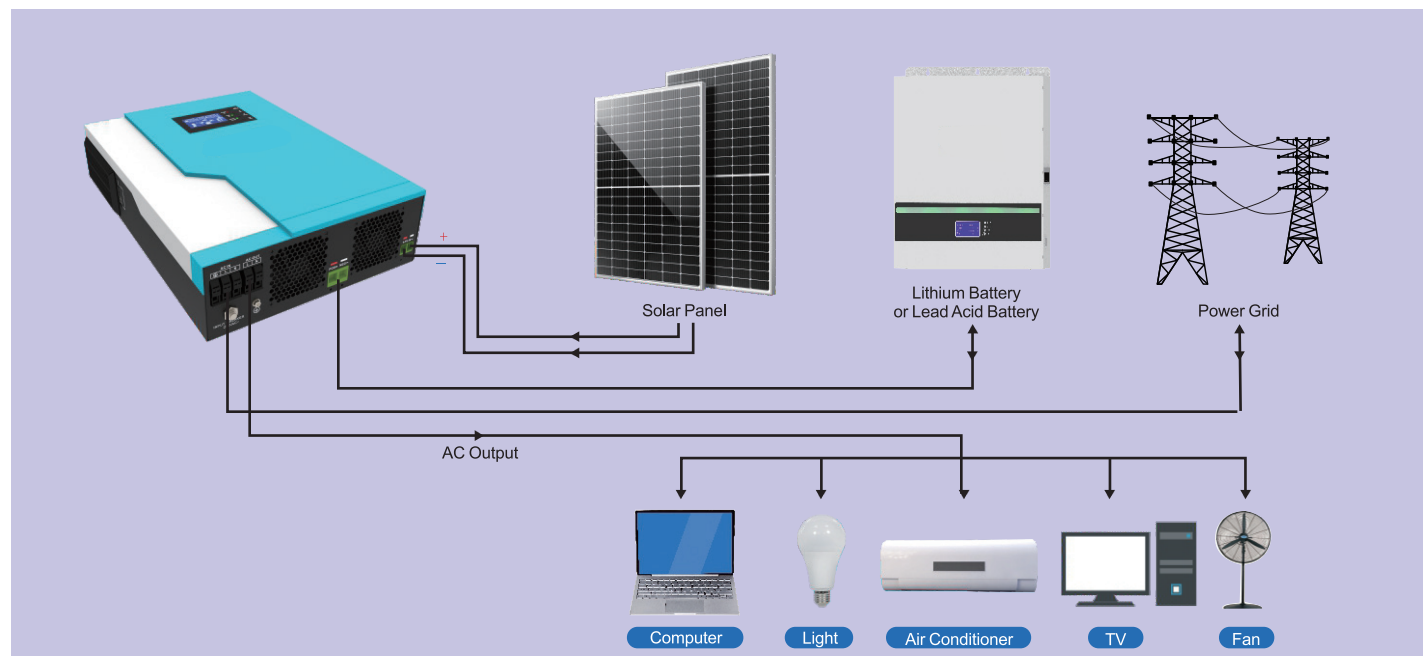
WIFI&GPRS available for ios and Android



LCD Display



Product Topology



Model	HS-II-3500W-PLUS	HS-II-5500W-PLUS
RATED POWER	3500VA/3500W	5500VA/5500W
Input		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
OUTPUT		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	7000VA	11000VA
Efficiency(Peak)PV to INV	97%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum Charge Current	80A	80A
SOLAR CHARGER		
Maximum PV Array Power	5000W	6000W
MPPT Range @ Operating Voltage	120~450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	100A
Maximum Efficiency	98%	
PHYSICAL		
Dimension,D*W*H(mm)	100*300*440	
Net Weight(kgs)	11	12
Communication interface	USB/RS232/GPRS/WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	0°C~55°C	

HS -III SERIES



- 
 Max. Efficiency
98%
- 
 100A MPPT
- 
 RS232/GPRS
WIFI
- 
 IP21
Ingress Protection

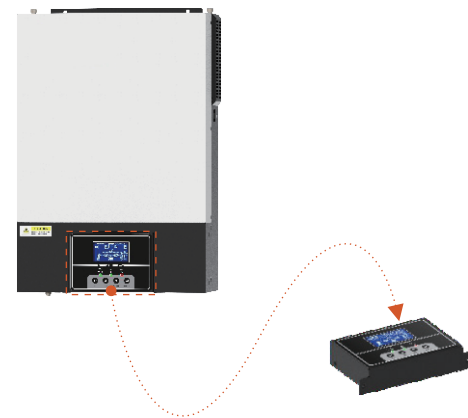
Features

- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and android
- Inverter running without battery
- Built-in 100A MPPT solar charger
- High PV input voltage range(120~450VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Built-in Remote LCD Display

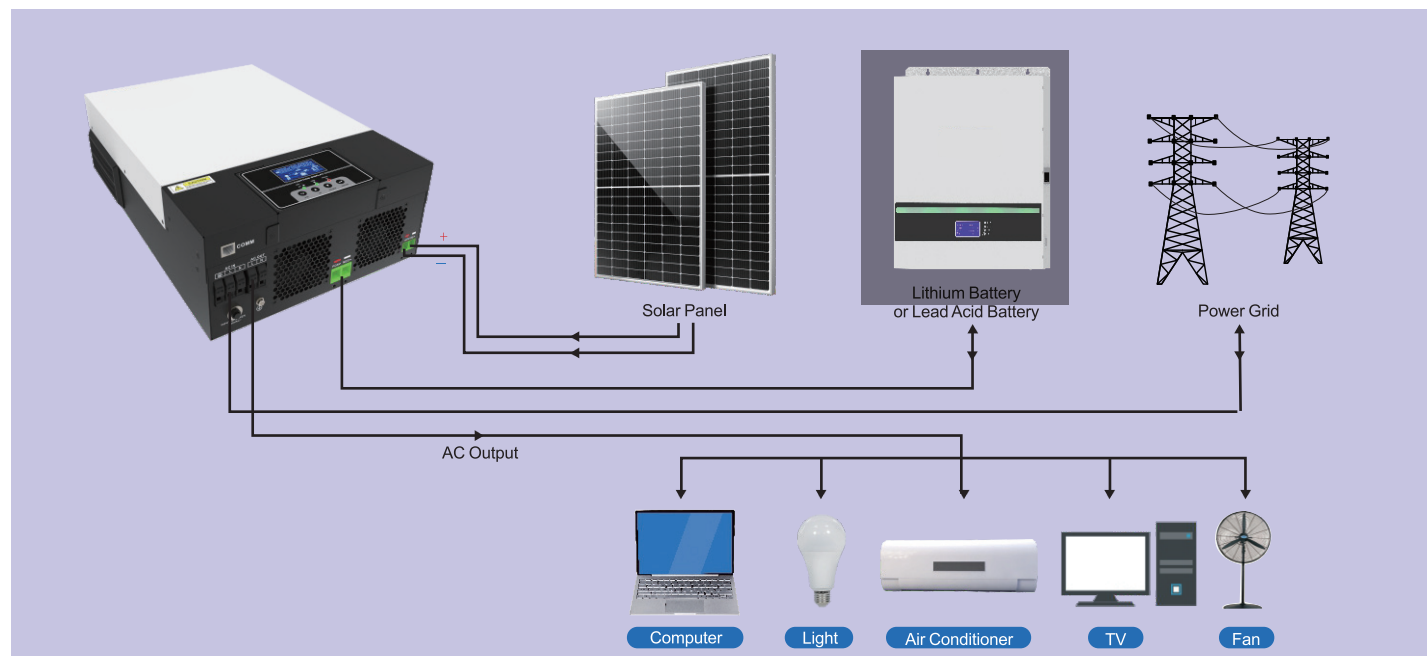
WIFI&GPRS available for ios and Android



Removable display

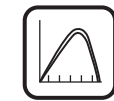


Product Topology



Model	HS -III-3500W	HS -III-5500W
RATED POWER	3500VA/3500W	5500VA/5500W
Input		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
OUTPUT		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	7000VA	11000VA
Efficiency(Peak)PV to INV	97%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum Charge Current	80A	80A
SOLAR CHARGER		
Maximum PV Array Power	5000W	6000W
MPPT Range @ Operating Voltage	120~450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	100A
Maximum Efficiency	98%	
PHYSICAL		
Dimension,D*W*H(mm)	100*300*440	
Net Weight(kgs)	11	12
Communication interface	RS232/GPRS/WIFI/Remove LCD	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	0°C~55°C	

HS - SERIES



100A MPPT



Max. Efficiency 98%



RS232/GPRS WIFI



IP21 Ingress Protection

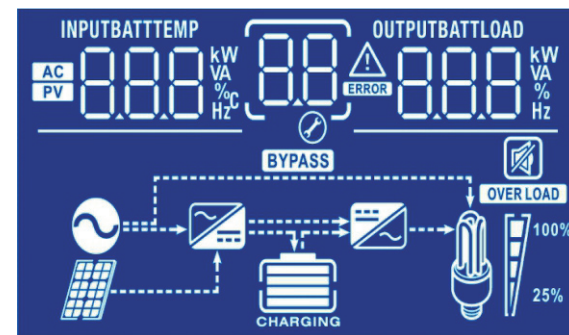
Features

- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and android
- Built-in 80A MPPT solar charger
- High PV input voltage range(120~450VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Can meet the rich custom needs of customers
- Compatible with lithium battery
- Solar energy is provided directly to the load first

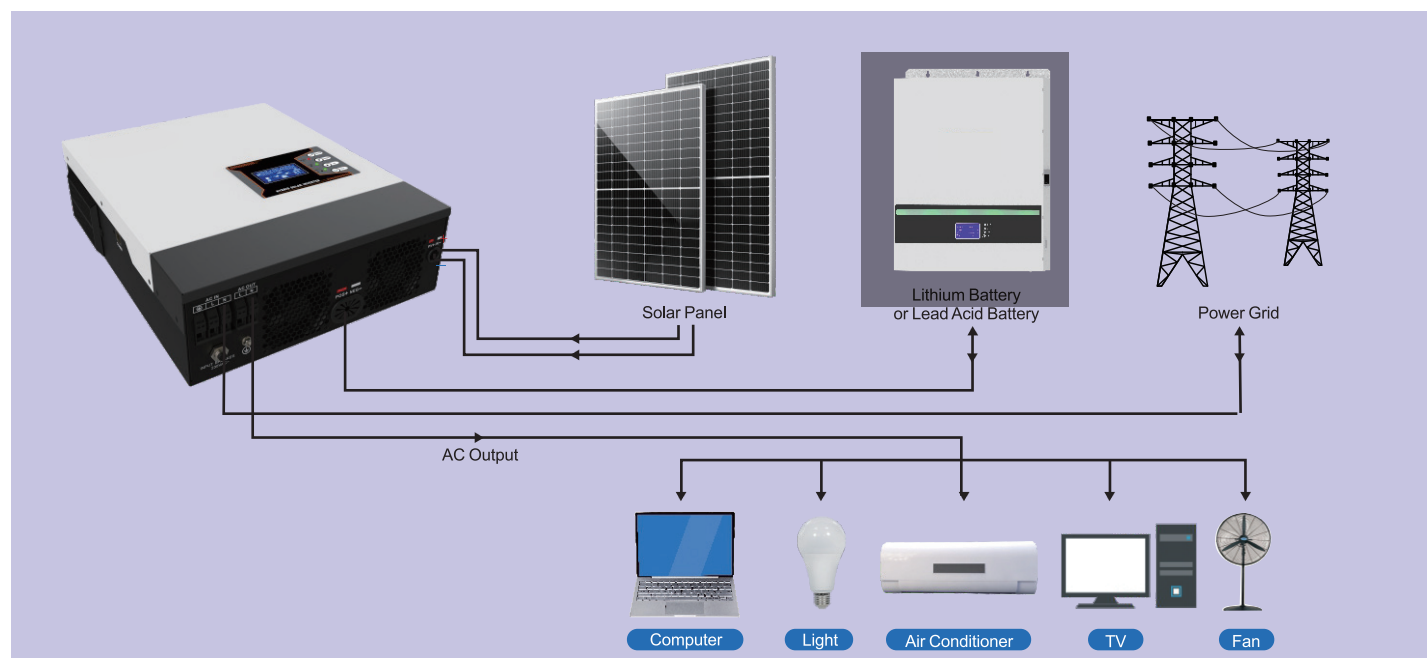
WIFI&GPRS available for ios and Android



LCD Display



Product Topology



Model	HS -3200-24	HS -3200-48	HS-5200-48
RATED POWER	3200VA/3200W	3200VA/3200W	5200VA/5200W
AC Input			
Voltage	230VAC		
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)		
Frequency Range	50 Hz/60Hz(Auto sensing)		
AC OUTPUT			
AC Voltage Regulation	230VAC±5%		
Surge Power	6400VA	6400VA	10400VA
Efficiency(Peak)PV to INV	97%		
Efficiency(Peak)Battery to INV	94%		
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)		
BATTERY & AC CHARGER			
Battery Voltage	24VDC	48VDC	48VDC
Floating Charge Voltage	27VDC	54VDC	54VDC
Overcharge Protection	33VDC	63VDC	63VDC
Maximum AC Charge Current	80A	60A	80A
SOLAR CHARGER			
Maximum PV Array Power	4000W	4000W	5000W
MPPT Range @ Operating Voltage	120~450VDC		
Maximum PV Array Open Circuit Voltage	500VDC		
Maximum Charging Current	80A		
Maximum Efficiency	98%		
PHYSICAL			
Dimension,D*W*H(mm)	384*330*105		
Net Weight(kgs)	7.95	7.95	8.3
Communication interface	RS232/GPRS/WIFI		
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non~condensing)		
Operating Temperature	0°C~55°C		

HS SERIES



Max. Efficiency
98%



80A MPPT



RS232/GPRS
WIFI



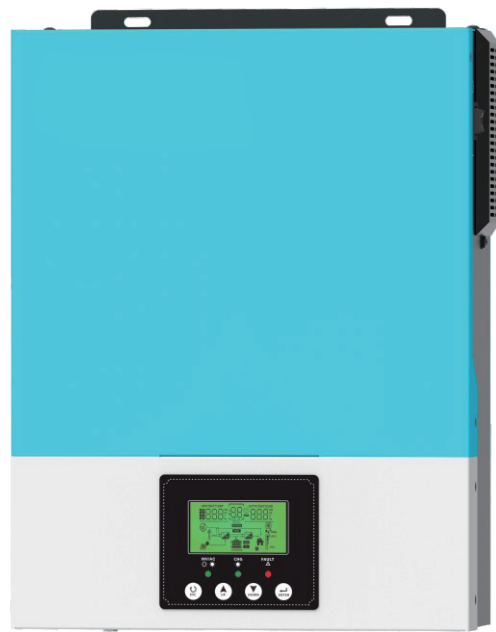
IP21
Ingress Protection

Features

- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and android
- Built-in 80A MPPT solar charger
- High PV input voltage range (30~450VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- meet the rich customize needs of customers
- Compatible with lithium battery
- Solar energy is provided directly to the load first

Model	HS-2000-12	HS-3200-24
RATED POWER	2000VA/1600W	3200VA/3000W
AC Input		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC±5%	
Surge Power	4000VA	6400VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum AC Charge Current	60A	
SOLAR CHARGER		
Maximum PV Array Power	2000W	3000W
MPPT Range @ Operating Voltage	30~450VDC	
Maximum PV Array Open Circuit Voltage	450VDC	
Maximum Charging Current	80A	
PHYSICAL		
Dimension,D*W*H(mm)	357*273*95	
Net Weight(kgs)	4	5
Communication interface	RS232/GPRS/WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10 ~50°C	

HS SERIES



Max.Efficiency
98%



80A MPPT



RS232/GPRS
WIFI



IP21
Ingress Protection

Features

- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and android
- Built-in 80A MPPT solar charger
- High PV input voltage range(90~450VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- meet the rich customize needs of customers
- Compatible with lithium battery
- Solar energy is provided directly to the load first

Model	HS-1500-12	HS-2000-12	HS-2400-24	HS-3200-24
RATED POWER	1500VA/1500W	2000VA/1600W	2400VA/2400W	3200VA/3000W
AC Input				
Voltage	230VAC			
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)			
Frequency Range	50 Hz/60Hz(Auto sensing)			
AC OUTPUT				
AC Voltage Regulation	230VAC±5%			
Surge Power	3000VA	4000VA	4800VA	6400VA
Efficiency(Peak)PV to INV	98%			
Efficiency(Peak)Battery to INV	94%			
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)			
BATTERY & AC CHARGER				
Battery Voltage	12VDC		24VDC	
Floating Charge Voltage	13.5VDC		27VDC	
Overcharge Protection	16VDC		33VDC	
Maximum AC Charge Current	60A			
SOLAR CHARGER				
Maximum PV Array Power	2000W		3000W	
MPPT Range @ Operating Voltage	90~430VDC			
Maximum PV Array Open Circuit Voltage	450VDC			
Maximum Charging Current	80A			
PHYSICAL				
Dimension,D*W*H(mm)	350*259*90			
Net Weight(kgs)	4		5	
Communication interface	RS232/GPRS/WIFI			
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non~condensing)			
Operating Temperature	-10 ~50°C			

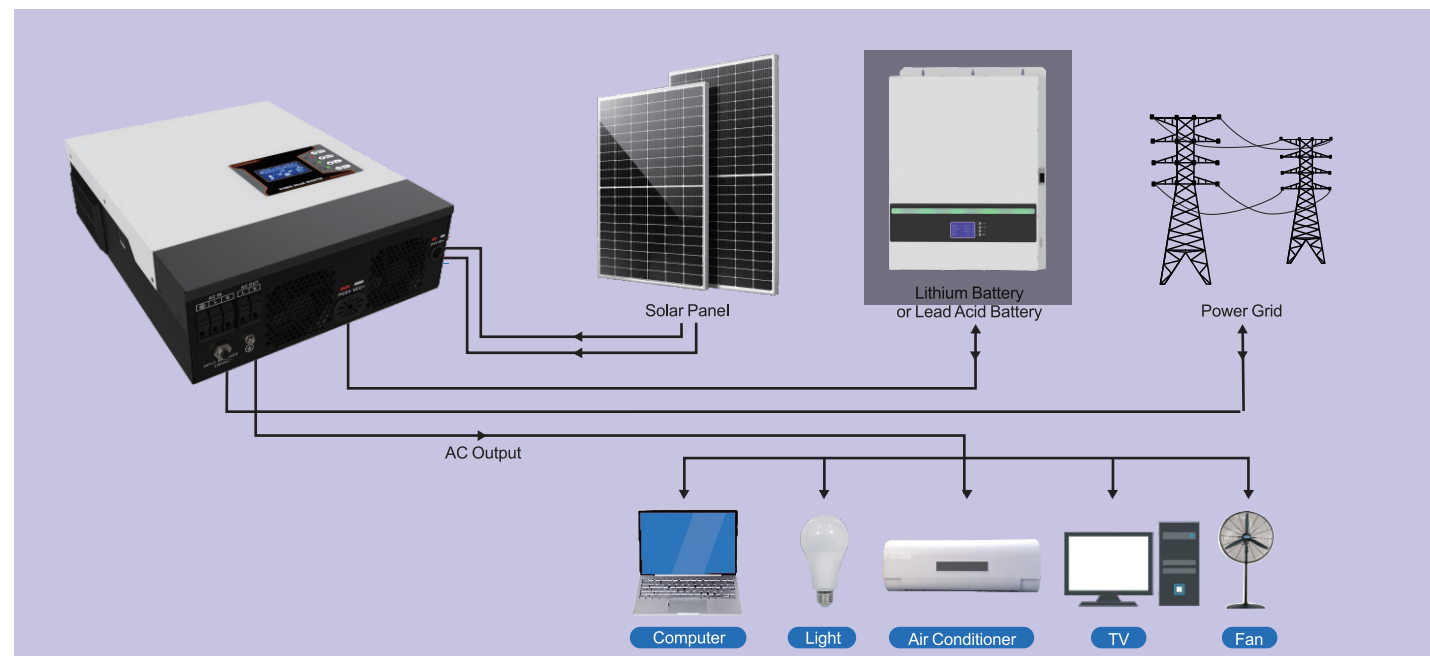
Lithium LIFEP04



Features

- Long service life over 10 years;
- Modular design, small size and light weight;
- One key switch machine, the operation is more convenient;
- Suitable for long-term charge and discharge cycles;
- Adopt multi-level energy consumption management;
- Multiple parallel machines, automatic address acquisition without manual operation;
- Support high-current charging and discharging: 100A (2C) charging and discharging;
- Front operation and front wiring are convenient for installation and maintenance;
- Adopt high-performance processor, international brand devices, high reliability;
- Multiple communication interfaces: RS485, RS232, CAN;
- Highly compatible BMS, seamless connection with energy storage inverter;
- Perfectly compatible with our inverter
- Safety certification: CE, UN38.3, MSDS, etc.

Product Topology



Model	25.6V 100Ah	25.6V 200Ah	48V 85Ah	48V 100Ah
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Typical Capacity (Ah)	100Ah	200Ah	85Ah	100Ah
Typical Voltage (V)	25.6V	25.6V	48V	48V
Connection	1P8S	2P8S	2P15S	1P15S
Voltage Working Range (V)	21.6V-29.2V	21.6V-29.2V	40.5V-54.75V	40.5V-54.75V
Working Temperature(°C)	Charge: 0°C~+55°C, Discharge: -20°C~+60°C	Charge: 0°C~+55°C, Discharge: -20°C~+60°C	Charge: 0°C~+55°C, Discharge: -20°C~+60°C	Charge: 0°C~+55°C, Discharge: -20°C~+60°C
Storage Temperature(°C)	-20°C~+35°C	-20°C~+35°C	-20°C~+35°C	-20°C~+35°C
Nominal Capacity (kWh)	2.56kWh	5.12kWh	4.08kWh	4.8kWh
Max. Charge Current(A)	70A	100A	70A	100A
Max. Discharge Current(A)	75A	100A	75A	100A
Cycle Life	>5000	>5000	>5000	>5000
SOC Accuracy	<8%	<8%	<8%	<8%
Weight(kg)	33kg	53kg	49kg	51kg
Dimensions(mm)	185x450x580mm	185x450x580mm	185x450x580mm	185x450x580mm
IP Grade	IP54	IP54	IP54	IP54
Transportation SOC	30%	30%	30%	30%
Cooling	Nature	Nature	Nature	Nature
Communication	RS232,RS485,CAN	RS232,RS485,CAN	RS232,RS485,CAN	RS232,RS485,CAN
Certifications	MSDS,UN38.3,RoHS,CE	MSDS,UN38.3,RoHS,CE	MSDS,UN38.3,RoHS,CE	MSDS,UN38.3,RoHS,CE