

SHENZHEN HOMESOL New Energy Technology CO.,LTD

TEL: +86 13872404707

E-mail: sales@homesolpower.com

Address: Room 603, Block 3B, Huaqiang Creative Park, Guangming District, Shenzhen City, Guangdong Province, P.R. China





SOLAR INVERTER SERIES

Smart Energy. Reliable Power.





SAFE & RELIABLE
Advanced protection
for peace of mind



HIGH PERFORMANCE
Maximum efficiency
for every home



CLEAN ENERGY
Sustainable power
for a better future



SMART & EASY
Intelligent features
simple to use

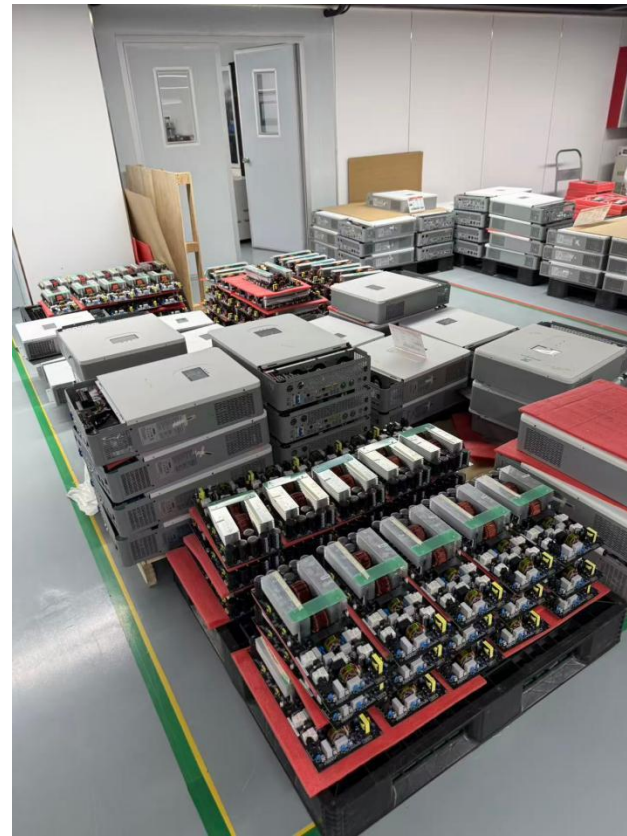
**POWERING
A BRIGHTER
TOMORROW**

深圳市鸿硕新能源科技有限公司
SHENZHEN HOMESOL New Energy Technology CO.,LTD

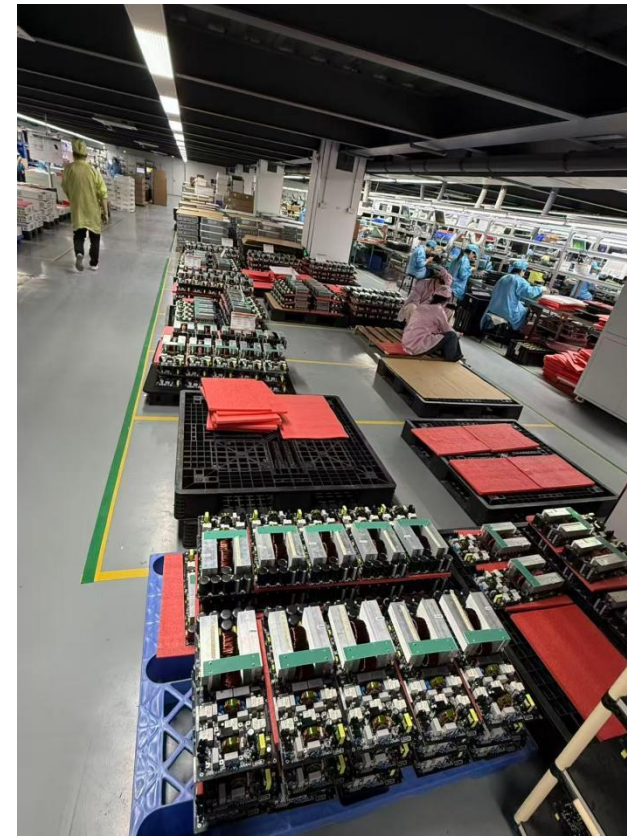
FACTORY VIEW



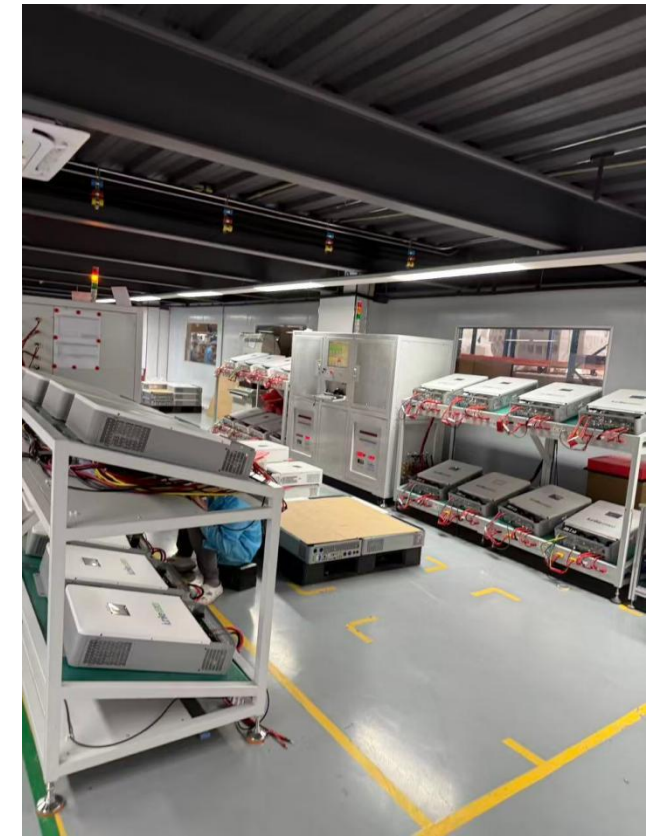
SMT Workshop



Production Shop



Production Shop



Aging Chamber

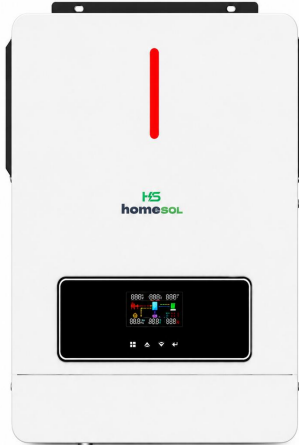


SOLAR INVERTER

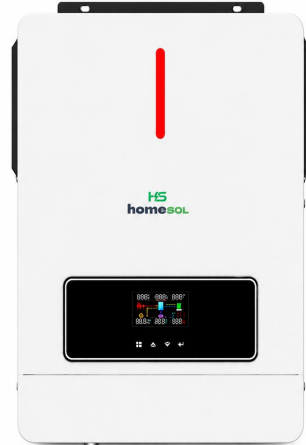
Snowaat-2.2K/3.2K-OG01LP1-EU21-AM1 NS-4.2K/6.2K-HG02LP1-EU21-AM1 NS-8.2K/10.2K-HG01LP1-EU21-AM2 NS-13.2K-HG01LP1-EU21-AM1



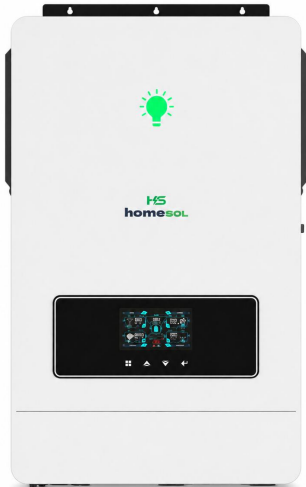
PAGE:7-8



PAGE:9-10



PAGE:11-12



PAGE:13-14

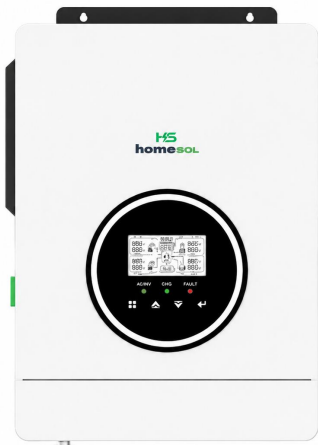
NSP-6.2K-HG01LP1-US21-AM2 NSP-12K-HG01LP2-US21-AM2 SOLP-4.5K/6.5K/10K-NG01LP1-EU21



PAGE:15-16



PAGE:17-18



PAGE:19-20

BATTERY

EB-25.6V-100Ah-KS21



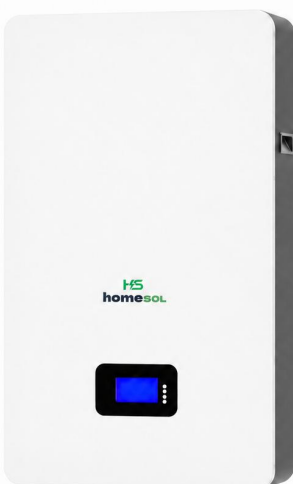
PAGE:21-22

EB-25.6V-200Ah-KS21



PAGE:23-24

EB-51.2V-200Ah-KS21



PAGE:25-26

EB-51.2V-300Ah-KS21



PAGE:27-28

EB-51.2V-300Ah-KS21



PAGE:29-30

EB-51.2V-314Ah-KS21



PAGE:31-32

SOLAR INVERTER

Snowatt-2.5K/3.5K-OG01LP1-EU21



KEY STRENGTHS



FEATURES

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for loS and Android
- One-key restoration to factory Settings
- Dual communication ports for Battery communication and Wifi communication
- Built-in Lithium battery automatic activation
- High PV input voltage range(60 ~450VDC)
- Built-in M PPT Solar charge
- Smart battery charge design to optimize battery life
- Built -in anti-dust kit for harsh environment
- Offline upgrade through COMM port
- Maximum PV input current: 18A
- Inverter-lithium battery communication status displayed directly on the LCD interface
- Add lithium battery information display to the APP

PRODUCT DATA SHEET

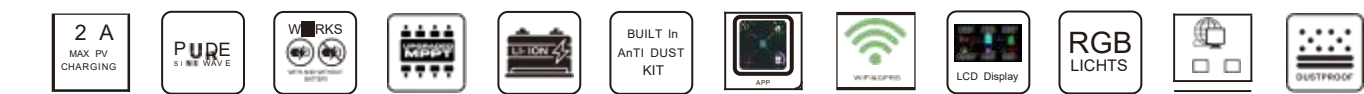
MODEL	Snowatt-2.5K-OG01LP1-EU21-AM1	Snowatt-3.5K-OG01LP1-EU21-AM1
PHASE	Single phase	
Maximum PV Input Power	4000W	6000W
Rate Output Power	2500W/2500VA	3500W/3500VA
Grid-Tie OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/ Maximum DC Voltage	360VDC/500VDC	
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC	
MPPT Voltage Range	60 ~430VDCVDC	
Maximum Input Current	18A	
EFFICIENCY		
Maximum Conversion Efficiency(DC-AC)	98%	
OFF-GRID,HYBRID OPERATION		
PV INPUT(DC)		
Maximum DC Voltage	60/500VDC	
Start-up Voltage/Initial FeedingVoltage	60VDC/90VDC	
MPP Voltage Range	60VDC- 430VDCVDC	
Number Of MPPT/Maximum Input Current	1/18A	1/18A
AC OUTPUT		
Nominal Output Voltage	220/230/240VAC	
Nominal Output Current	10A	14.3A
AC INPUT		
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC	
AC Input Voltage Range	90-280VAC or 170-280VAC	
Maximum AC Input Current	15A	20A
BATTERY MODE OUTPUT(AC)		
Nominal OutputVoltage	220/230/240VAC	
Efficiency	94%	
BATTERY & CHARGER		
Nominal Voltage	12VDC	24VDC
Maximum Solar Charging Current	100A	100A
Maximum AC Charging Current	80A	80A
Maximum Charging Current	120A	120A
GENERAL		
PHYSICAL		
Dimension, D *W * H (mm)	345×275×100	
Package Dimension, D *W * H (mm)	415×345×175	
INTERFACE		
Communication Port	RS232/ RS485/ WIFI/ BMS	
ENVIRONMENT		
Operating Temperature	0℃ ~ 55℃	

SOLAR INVERTER

NS-4.2K/6.2K-HG02LP1-EU21



KEY STRENGTHS



FEATURES

- Pure sine wave solar inverter(on/off Grid)

WIFI&GPRS available for iOS and Android

One-key restoration to factory Settings

Dual communication ports for Battery communication and Wifi communication

High PV input voltage range(60 ~450VDC)

Smart battery charge design to optimize battery life

Offline upgrade through COMM port

Inverter-lithium battery communication status displayed directly on the LCD interface

Add lithium battery information display to the APP

Output power factor 1.0

Inverter can run without battery

Built-in Lithium battery automatic activation

Built-in MPPT Solar charge

Built -in anti-dust kit for harsh environment

Dual output

Maximum PV input current: 27A

In battery-free mode , PV systems deliver a better user experience when powering loads

PRODUCT DATA SHEET

MODEL	NS-4.2K-HG02LP1-EU21-AM1		NS-6.2K-HG02LP1-EU21-AM1	
PHASE	Single phase			
Maximum PV Input Power	6200W		8000W	
Rate Output Power	4200W/4200VA		6200W/6200VA	
Grid-Tie OPERATION				
PV INPUT(DC)				
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC			
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC			
MPPT Voltage Range	60~450VDC			
Maximum Input Current	27A			
GRIG OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195~253VAC			
Nominal Output Current	18.2A		27.0A	
Power Factor	>0.99			
EFFICIENCY				
Maximum Conversion Efficiency(DC-AC)	98%			
OFF-GRID,HYBRID OPERATION				
PV INPUT(DC)				
Maximum DC Voltage	60/500VDC			
Start-up Voltage/Initial FeedingVoltage	60VDC/90VDC			
MPP Voltage Range	60VDC-450VDC			
Number Of MPPT/Maximum Input Current	27A		27A	
GRID OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195~253VAC			
Nominal Output Current	18.2A		27.0A	
AC INPUT				
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC			
AC InputVoltage Range	90-280VAC or 170-280VAC			
Maximum AC Input Current	24.7A		36.4A	
BATTERY MODE OUTPUT(AC)				
Nominal OutputVoltage	220/230/240VAC			
Efficiency	94%			
BATTERY & CHARGER				
Nominal Voltage	24VDC		48VDC	
Maximum Solar Charging Current	120A		120A	
Maximum AC Charging Current	100A		100A	
Maximum Charging Current	120A		120A	
GENERAL				
PHYSICAL				
Dimension,D*W*H(mm)	423x344x113			
Package Dimension,D*W*H(mm)	500*415*180			
INTERFACE				
Communication Port	RS232/RS485/WIFI/BMS			
ENVIRONMENT				
Operating Temperature	-10℃ ~ 50℃			

SOLAR INVERTER

NS-8.2K/10.2K-HG01LP1-EU21



KEY STRENGTHS



FEATURES

- Pure sine wave solar inverter(on/off Grid)

Inverter can run without battery

Built-in Lithium battery automatic activation

Dual communication ports for Battery communication and Wifi communication

Smart battery charge design to optimize battery life

Dual PV input
- WI FI&GPRS available for IOS and Android

One-key restoration to factory Settings

Built-in 160A MPPT solar charger(for 8.2kw, 10.2kw)

Built -in anti-dust kit for harsh environment

Dual output

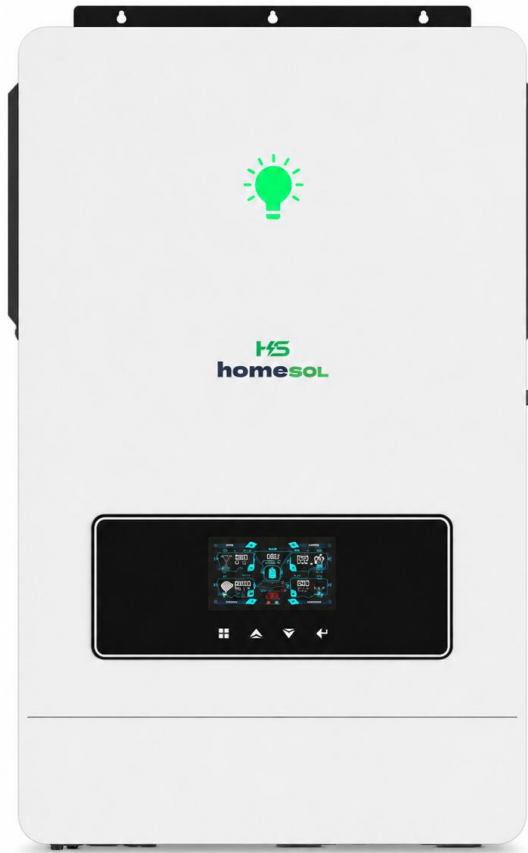
On Off Grid Work Mode

PRODUCT DATA SHEET

MODEL	NS-8.2K-HG01LP1-EU21-AM2		NS-10.2K-HG01LP1-EU21-AM2	
PHASE	Single phase			
Maximum PV Input Power	5400W+5400W			
Rate Output Power	8200W/8200VA		10200W/10200VA	
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	90~450VDC			
Maximum Input Current	2/18A			
GRIG OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195~253VAC			
Nominal Output Current	35.6A		44.3A	
Power Factor	>0.99			
EFFICIENCY				
Maximum Conversion Efficiency(DC-AC)	98%			
OFF-GRID,HYBRID OPERATION				
PV INPUT(DC)				
Maximum DC Voltage	500VDC			
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC			
MPP Voltage Range	90VDC-450VDC			
Number Of MPPT/Maximum Input Current	2/18A			
GRID OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195~253VAC			
Nominal Output Current	35.6A		44.3A	
AC INPUT				
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC			
AC Input Voltage Range	90-280VAC or 170-280VAC			
Maximum AC Input Current	48.2A		60A	
BATTERY MODE OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Efficiency	94%			
BATTERY & CHARGER				
Nominal Voltage	48VDC			
Maximum Solar Charging Current	160A			
Maximum AC Charging Current	140A			
Maximum Charging Current	160A			
GENERAL				
PHYSICAL				
Dimension,D*W*H(mm)	500*390*136			
Package Dimension,D*W*H(mm)	588*463*205			
INTERFACE				
Communication Port	RS232/RS485/WIFI/BMS			
ENVIRONMENT				
Operating Temperature	-10℃ ~ 50℃			

SOLAR INVERTER

NS- 13.2K-HG02LP1 -EU21



KEY STRENGTHS



FEATURES

- Pure sine wave solar inverter(on/off Grid)
 - Inverter can run without battery
 - Built-in Lithium battery automatic activation
 - Dual communication ports for Battery communication and Wifi communication
 - Smart battery charge design to optimize battery life
 - Dual PV input
- WI FI&GPRS available for IOS and Android
 - One-key restoration to factory Settings
 - Built-in 160A MPPT solar charger(for13.2kw)
 - Built -in anti-dust kit for harsh environment
 - Dual output
 - On Off Grid Work Mode

PRODUCT DATA SHEET

MODEL	NS-13.2K-HG02LP1-EU21-AM2
PHASE	Single phase
Maximum PV Input Power	8000W+8000W
Rate Output Power	13200W/13200VA
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	90~450VDC
Maximum Input Current	2/22A
GRIG OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195~253VAC
Nominal Output Current	57.3A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency(DC-AC)	98%
OFF-GRID,HYBRID OPERATION	
PV INPUT(DC)	
Maximum DC Voltage	500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
MPP Voltage Range	90VDC-450VDC
Number Of MPPT/Maximum Input Current	2/22A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195~253VAC
Nominal Output Current	57.3A
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC
AC Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	80A
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Efficiency	94%
BATTERY & CHARGER	
Nominal Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
Maximum Charging Current	160A
GENERAL	
PHYSICAL	
Dimension,D*W*H(mm)	580*370*136
Package Dimension,D*W*H(mm)	650*460*205
INTERFACE	
Communication Port	RS232/RS485/WIFI/BMS
ENVIRONMENT	
Operating Temperature	-10℃ ~ 50℃

SOLAR INVERTER

NSP-6.2K-HG01LP1-US21-AM2



KEY STRENGTHS



FEATURES

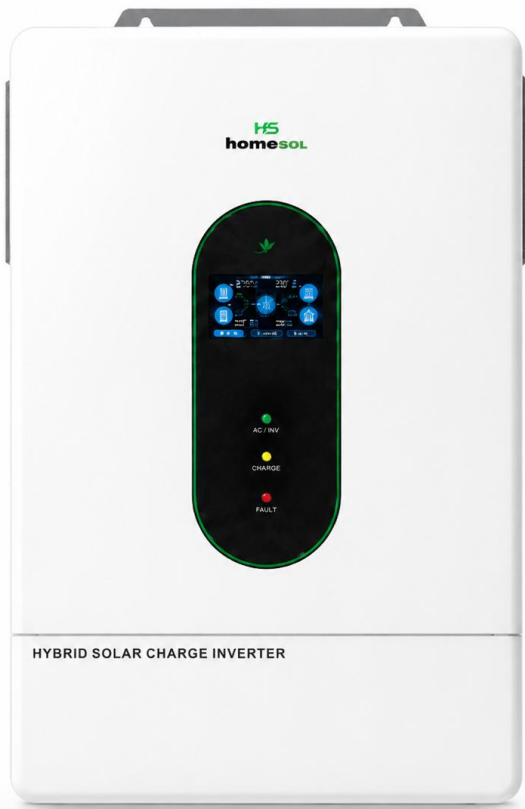
- Pure sine wave solar inverter(on/off Grid)
 - Standard WiFi Module , compatible with Android and iOS
 - One-key restoration to factory Settings
 - Dual communication ports for Battery communication and Wifi communication
 - High PV input voltage range(60 ~300VDC)
 - Smart battery charge design to optimize battery life
 - Offline upgrade through COMM port
 - Inverter-lithium battery communication status displayed directly on the LCD interface
 - Add lithium battery information display to the APP
- Output power factor 1.0
 - Inverter can run without battery
 - Built-in Lithium battery automatic activation
 - Built-in MPPT Solar charge
 - Built -in anti-dust kit for harsh environment
 - Maximum PV input current: 22A
 - In battery-free mode , PV systems deliver a better user experience when powering loads
 - The screen is movable and supports an expansion of up to 100 meters.

PRODUCT DATA SHEET

MODEL	NSP-6.2K-HG01LP1-US21-AM2
PHASE	Single phase
Maximum PV Input Power	4500W+4500W
Rate Output Power	6500VA/6500W
Grid-Tie OPERATION	
PV INPUT(DC)	
Nominal DC Voltage/Maximum DC Voltage	250VDC/300VDC
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC
MPPT Voltage Range	90-300VDC
Maximum Input Current	22A+22A
GRIG OUTPUT(AC)	
Nominal Output Voltage	120Vac
Output Voltage Range	90-145Vac
Nominal Output Current	28.3A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency(DC-AC)	98%
OFF-GRID,HYBRID OPERATION	
PV INPUT(DC)	
Maximum DC Voltage	300VDC
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC
MPP Voltage Range	90-300VDC
Number Of MPPT/Maximum Input Current	22A+22A
GRID OUTPUT(AC)	
Nominal Output Voltage	120Vac
Output Voltage Range	90-145Vac
Nominal Output Current	28.3A
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/90VAC
AC InputVoltage Range	90-140VAC
Maximum AC Input Current	28.3A
BATTERY MODE OUTPUT(AC)	
Nominal OutputVoltage	120Vac
Efficiency	94%
BATTERY & CHARGER	
Nominal Voltage	48VDC
Maximum Solar Charging Current	150A
Maximum AC Charging Current	120A
Maximum Charging Current	150A
GENERAL	
PHYSICAL	
Dimension,D*W*H(mm)	540*350*120
Package Dimension,D*W*H(mm)	
INTERFACE	
Communication Port	RS232/RS485/WIFI/BMS
ENVIRONMENT	
Operating Temperature	-10℃ ~ 50℃

SOLAR INVERTER

NSP-12K-HG01LP2-US21-AM2



KEY STRENGTHS



FEATURES

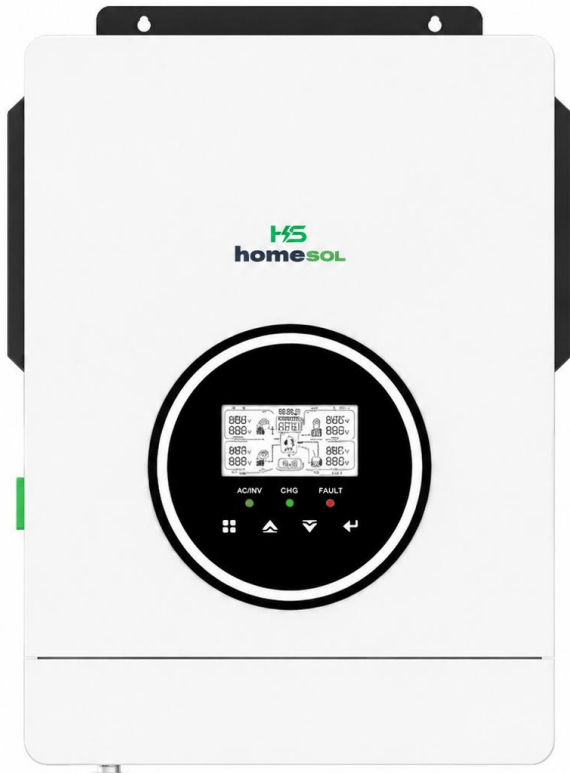
- Pure sine wave solar inverter(on/off Grid)
 - Standard WI FI Module , compatible with Android and IoT
 - One-key restoration to factory Settings
 - Dual communication ports for Battery communication and Wifi communication
 - High PV input voltage range(60 ~450VDC)
 - Smart battery charge design to optimize battery life
 - Offline upgrade through COMM port
 - Inverter-lithium battery communication status displayed directly on the LCD interface
 - Add lithium battery information display to the APP
 - Under the battery's rated voltage and an ambient temperature of 40 °C , with full-power output
- Output power factor 1.0
 - Inverter can run without battery
 - Built-in Lithium battery automatic activation
 - Built-in MPPT Solar charge
 - Built -in anti-dust kit for harsh environment
 - Maximum PV input current: 27A
 - In battery-free mode , PV systems deliver a better user experience when powering loads
 - The screen is movable and supports an expansion of up to 100 meters.

PRODUCT DATA SHEET

MODEL	NSP-12K-HG01LP2-US21-AM2
PHASE	Split phase
Maximum PV Input Power	12KW+12KW
Rate Output Power	12000VA/12000W
Grid-Tie OPERATION	
PV INPUT(DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC
MPPT Voltage Range	90-485VDC
Maximum Input Current	32A+32A
GRIG OUTPUT(AC)	
Nominal Output Voltage	120Vac (L1/N,L2/N)/240Vac(L1/L2)
Output Voltage Range	120Vac (L1/N,L2/N)/240Vac(L1/L2)
Nominal Output Current	26A/26A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency(DC-AC)	98%
OFF-GRID,HYBRID OPERATION	
PV INPUT(DC)	
Maximum DC Voltage	500VDC
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC
MPP Voltage Range	90-485VDC
Number Of MPPT/Maximum Input Current	32A+32A
GRID OUTPUT(AC)	
Nominal Output Voltage	120Vac (L1/N,L2/N)/240Vac(L1/L2)
Output Voltage Range	90-145Vac
Nominal Output Current	26A/26A
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/90VAC
AC Input Voltage Range	90-140VAC
Maximum AC Input Current	26A/26A
BATTERY MODE OUTPUT(AC)	
Nominal OutputVoltage	120Vac (L1/N,L2/N)/240Vac(L1/L2)
Efficiency	94%
BATTERY & CHARGER	
Nominal Voltage	48VDC
Maximum Solar Charging Current	250A
Maximum AC Charging Current	160A
Maximum Charging Current	250A
GENERAL	
PHYSICAL	
Dimension,D*W*H(mm)	620*450*132
Package Dimension,D*W*H(mm)	
INTERFACE	
Communication Port	RS232/RS485/WIFI/BMS
ENVIRONMENT	
Operating Temperature	-10 °C ~ 50°C

SOLAR INVERTER

SOLP-4.5K/6.5K/10K-NG01LP1-EU21



KEY STRENGTHS



FEATURES

- Pure sine wave solar inverter

Build in high efficiency MPPT solar controller

Dual MPPT solar controller for different groups solar panel

Build in feedback detection current sensor

Fast islanding response ensures security
- Can work in on/off grid mode

Wide PV input voltage range:60-500VDC

LCD display all information on one interface

Communication interface for Wifi

Easy to replace dust screen design

PRODUCT DATA SHEET

MODEL	SOL-4.5K-NG01P1- EU21-AM1	SOL-6.5K-NG01P1- EU21-AM2	SOL-10K-NG01P1- EU21-AM2
Phase	Single-phase		
Rated Output Power	4.5KW/4.5KVA	6.5KW/6.5KVA	10KW/10KVA
PV MODE			
Number of MPPT	1	2	2
Maximum PV Input Power	6000W	6000W+6000W	6000W+6000W
Maximum PV Input Current	18A	18A+18A	
PV Array Maximum Open Circuit Voltage	500VDC		
PV Input Voltage Range	60-500VDC		
Start Up Voltage	120VDC		
Nominal DC Voltage	360VDC		
MPPT Trackers Efficiency	>99.5%		
LINE MODE			
Phase	Single-phase		
Voltage	230VAC		
Input Voltage Range	90-280VAC		
Input Frequency Range	40-65Hz		
Maximum Input Current	30A	30A	45A
Input Power Factor	>0.99		
Input THDi	<5%		
PROTECTION			
Full Protection	Overload,short circuit,over-temperature,over-current,anti-islanding protection		
PHYSICAL			
Dimension H*W*D(mm)	315*225*103	335*245*103	
Net Weight(kgs)	4.1	4.5	4.9
Gross Weight(kgs)	4.8	5.2	5.6
IP Protection	IP20		
INTERFACE			
Communication Port	RS-232		
ENVIRONMENT			
Humidity	<95%RH(Non-condensing)		
Operating Temperature	-10°C to 55°C		

OVERVIEW

◆ 4.5KW



1. AC Input
2. AC Output
3. PV Input
4. RS232/Wifi

◆ 6.5KW/10KW



1. AC Input
2. AC Output
3. PV 1
4. PV 2
5. RS232/Wifi



FEATURES

- | Smart LCD Display
- | Real-Time Battery Monitoring
- | Intelligent Communication Function
- | Easy System Integration
- | Clear Fault & Alarm Indication
- | User-Friendly Operation

PRODUCT DATA SHEET

MODEL		EB-25.6V-100Ah-KS21-1
Nominal Energy		2.56KWh
Nominal Voltage		25.6VDC
Nominal Capacity		100Ah
Voltage Range		22.4 ~ 29.2VDC
Rate Charge/Discharge Current		50A
Peak Charge/Discharge Current		100A
Display Type		LCD
Cycle Life		6000 Cycles(@25℃, 0.5C, 80% DOD)
Communication Interface		RS485/RS232/CAN
Wireless Communication		WIFI&Bluetooth
Parallel Function		Max 16 PCS
Operating Temperature		Charge:0℃ ~ 50℃ Discharge:-10℃ ~ 60℃
Storage temperature		-10℃ ~ 25℃ Less than 3 months 0℃ ~ 25℃ Less than 1 year
Operating Humidity		5% to 95% Relative Humidity(NON-condensing)
Operating Altitude		<2000m
Protection level		IP21
Installation method		wall-mounted
Weight		28kg
Dimension,D X W X H(mm)		336*360*181
Certification		UN38.3



FEATURES

- | Smart LCD Display
- | Real-Time Battery Monitoring
- | Intelligent Communication Function
- | Easy System Integration
- | Clear Fault & Alarm Indication
- | User-Friendly Operation

PRODUCT DATA SHEET

MODEL		EB-25.6V-200Ah-KS21-1
Nominal Energy		5.12KWh
Nominal Voltage		25.6VDC
Nominal Capacity		200Ah
Voltage Range		22.4 ~ 29.2VDC
Rate Charge/Discharge Current		100A
Peak Charge/Discharge Current		200A
Display Type		LCD
Cycle Life		6000 Cycles(@25℃, 0.5C, 80% DOD)
Communication Interface		RS485/RS232/CAN
Wireless Communication		WIFI&Bluetooth
Parallel Function		Max 16 PCS
Operating Temperature		Charge:0℃ ~ 50℃ Discharge:-10℃ ~ 60℃
Storage temperature		-10℃ ~ 25℃ Less than 3 months 0℃ ~ 25℃ Less than 1 year
Operating Humidity		5% to 95% Relative Humidity(NON-condensing)
Operating Altitude		<2000m
Protection level		IP21
Installation method		wall-mounted
Weight		45kg
Dimension,D X W X H(mm)		450*455*181
Certification		UN38.3

BATTERY

EB-51.2V-200Ah-KS21



FEATURES

- | Smart LCD Display
- | Real-Time Battery Monitoring
- | Intelligent Communication Function
- | Easy System Integration
- | Clear Fault & Alarm Indication
- | User-Friendly Operation

PRODUCT DATA SHEET

MODEL	EB-51.2V-200Ah-KS21-1
Nominal Energy	10.24KWh
Nominal Voltage	51.2VDC
Nominal Capacity	200Ah
Voltage Range	44.8 ~ 58.4VDC
Rate Charge/Discharge Current	100A
Peak Charge/Discharge Current	200A
Display Type	LCD
Cycle Life	6000 Cycles(@25℃, 0.5C, 80% DOD)
Communication Interface	RS485/RS232/CAN
Wireless Communication	WIFI&Bluetooth
Parallel Function	Max 16 PCS
Operating Temperature	Charge:0℃ ~ 50℃ Discharge:-10℃ ~ 60℃
Storage temperature	-10℃ ~ 25℃ Less than 3 months 0℃ ~ 25℃ Less than 1 year
Operating Humidity	5% to 95% Relative Humidity(NON-condensing)
Operating Altitude	<2000m
Protection level	IP21
Installation method	wall-mounted
Weight	98kg
Dimension,D X W X H(mm)	780*450*181
Certification	UN38.3

BATTERY

EB-51.2V-300Ah-KS21



FEATURES

- | Smart LCD Display
- | Real-Time Battery Monitoring
- | Intelligent Communication Function
- | Easy System Integration
- | Clear Fault & Alarm Indication
- | User-Friendly Operation

PRODUCT DATA SHEET

MODEL	EB-51.2V-300Ah-KS21-1
Nominal Energy	15.36KWh
Nominal Voltage	51.2VDC
Nominal Capacity	300Ah
Voltage Range	44.8 ~ 58.4VDC
Rate Charge/Discharge Current	100A
Peak Charge/Discharge Current	200A
Display Type	LCD
Cycle Life	6000 Cycles(@25℃, 0.5C, 80% DOD)
Communication Interface	RS485/RS232/CAN
Wireless Communication	WIFI&Bluetooth
Parallel Function	Max 16 PCS
Operating Temperature	Charge:0℃ ~ 50℃ Discharge:-10℃ ~ 60℃
Storage temperature	-10℃ ~ 25℃ Less than 3 months 0℃ ~ 25℃ Less than 1 year
Operating Humidity	5% to 95% Relative Humidity(NON-condensing)
Operating Altitude	<2000m
Protection level	IP21
Installation method	wall-mounted
Weight	123kg
Dimension,D X W X H(mm)	865*430*250
Certification	UN38.3

BATTERY

EB-51.2V-300Ah-KS21



FEATURES

- | Smart LCD Display
- | Real-Time Battery Monitoring
- | Intelligent Communication Function
- | Easy System Integration
- | Clear Fault & Alarm Indication
- | User-Friendly Operation

PRODUCT DATA SHEET

MODEL	EB-51.2V-300Ah-KS21-2
Nominal Energy	15.36KWh
Nominal Voltage	51.2VDC
Nominal Capacity	300Ah
Voltage Range	44.8 ~ 58.4VDC
Rate Charge/Discharge Current	100A
Peak Charge/Discharge Current	200A
Display Type	LCD
Cycle Life	6000 Cycles(@25℃, 0.5C, 80% DOD)
Communication Interface	RS485/RS232/CAN
Wireless Communication	WIFI&Bluetooth
Parallel Function	Max 16 PCS
Operating Temperature	Charge:0℃ ~ 50℃ Discharge:-10℃ ~ 60℃
Storage temperature	-10℃ ~ 25℃ Less than 3 months 0℃ ~ 25℃ Less than 1 year
Operating Humidity	5% to 95% Relative Humidity(NON-condensing)
Operating Altitude	<2000m
Protection level	IP21
Installation method	wall-mounted
Weight	117kg
Dimension,D X W X H(mm)	795*500*270
Certification	UN38.3



FEATURES

- | Smart LCD Display
- | Real-Time Battery Monitoring
- | Intelligent Communication Function
- | Easy System Integration
- | Clear Fault & Alarm Indication
- | User-Friendly Operation

PRODUCT DATA SHEET

MODEL	EB-51.2V-314Ah-KS21
Nominal Energy	16.07KWh
Nominal Voltage	51.2VDC
Nominal Capacity	300Ah
Voltage Range	44.8 ~ 58.4VDC
Rate Charge/Discharge Current	100A
Peak Charge/Discharge Current	200A
Display Type	LCD
Cycle Life	6000 Cycles(@25℃, 0.5C, 80% DOD)
Communication Interface	RS485/RS232/CAN
Wireless Communication	WIFI&Bluetooth
Parallel Function	Max 16 PCS
Operating Temperature	Charge:0℃ ~ 50℃ Discharge:-10℃ ~ 60℃
Storage temperature	-10℃ ~ 25℃ Less than 3 months 0℃ ~ 25℃ Less than 1 year
Operating Humidity	5% to 95% Relative Humidity(NON-condensing)
Operating Altitude	<2000m
Protection level	IP21
Installation method	wall-mounted
Weight	117kg
Dimension,D X W X H(mm)	865*430*250
Certification	UN38.3