

Gospower



Gospower

GOSPOWER ELECTRIC TECHNOLOGY CO.,LTD

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GOSPOWER ENERGY

PRODUCT CATALOG

New Energy Application

- HYBRID INVERTER
- BATTERY PACK
- OFF GRID INVERTER
- ALL-IN-ONE ESS

COMPANY PROFILE

Gospower is a national high-tech enterprise committed to providing innovative energy solutions for bigdata and new energy industries.

Gospower's new energy products have covered multiple application scenarios such as small, off-grid, and microgrids, and have obtained international standard certifications that can provide leading PV energy storage solutions for users in different countries and regions.

The company adheres to the global development strategy and establishes a global sales and service network covering Asia Pacific, Europe, North America, Latin America, the Middle East, Africa, and other regions. It is committed to providing fast, efficient, and high-quality services to global customers.



Established
2006



Registered Capital
320 million



Manufacturing Plant
120000m²



Employees
2500+



Technical Engineers
400+



Patents
300+



DEVELOPMENT HISTORY

2006

- Gospower founded
- Entering the POE power supply business

2007

- Establish a production base in Shenzhen

2010

- Focus on ICT business
Sales revenue exceeded 100 million

2012

- Recognized as a national high-tech enterprise

2015

- Becoming a mainstream power supplier in the ICT industry

2017

- Expand the research and development of new energy technologies (Electric vehicles/photovoltaics)

2018

- Awarded the title of "Guangdong Provincial Engineering Technical Center"
- Construction of Hunan Chenzhou Factory

2022

- Dongguan Songshan Lake production base put into operation
- Rated as one of the "Top 500 Enterprises in Shenzhen"

2024

- Complete the reform of the shareholding system
- New energy solar storage system covering over 20 worldwide countries and regions

R&D INNOVATION

• Self developed BMS and EMS systems

Stronger compatibility with inverters, easy to upgrade and maintain

• Full scene household solar storage system solution

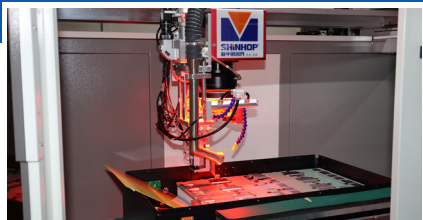
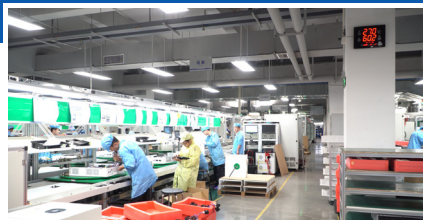
Off grid/hybrid inverter
2.56kWh-16.04kWh battery pack
500W-12KW all-in-one ESS
125kW/261kWh industrial and commercial energy storage cabinet

• 3 major research and development centers

Shenzhen, Taiwan, Malaysia

• 2000+m²

Test Laboratory



PARTNERS

intel.

Lenovo

netcom
SYSTEMS

ZTE中兴

wistron

Hewlett Packard
Enterprise

dji
大疆创新

AMD

Accton
Making Partnership Work

H3C

NOKIA

Inventec

flex.

COOLER
MASTER

BYD

JABIL

廣達電腦
Quanta Computer

ASUS

nvidia.

Celestica

CNIT 云尖信息

华宝新能
让绿色能源无处不在

FOXCONN

UI.COM

HIKVISION

GIGABYTE

PEGATRON

NETGEAR

STAR-NET
星网锐捷

XAG

HQ 华勤技术

KARINI

QUALITY MANAGEMENT

CERTIFICATE

ISO9001:2015



ISO5001



ISO14001



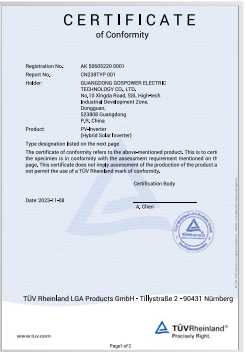
EN50549



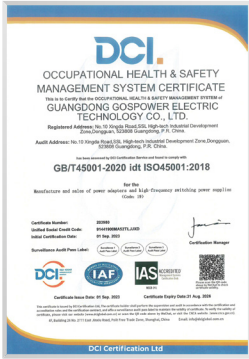
IEC62109



NRS



ISO45001



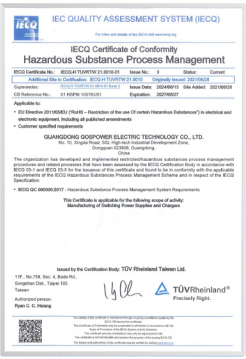
ISO IEC27001:2022



ANSI/ESD S20.20-2021



IECQ QC 080000:2017



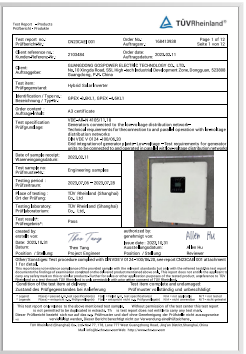
NTS



UN38.3



VDE



GLOBAL LAYOUT



R&D Center

- Shenzhen
- Dongguan
- Taiwan
- Malaysia

Manufacturing center

- Dongguan
- Chenzhou
- Malaysia



Customer service center

- Colombia
- Brazil
- Bolivia
- Peru
- Nigeria
- Lebanon
- Iraq
- Myanmar



Market coverage area

- Southeast Asia
- Africa
- Latin America
- Europe and America

PRODUCTS SERIES



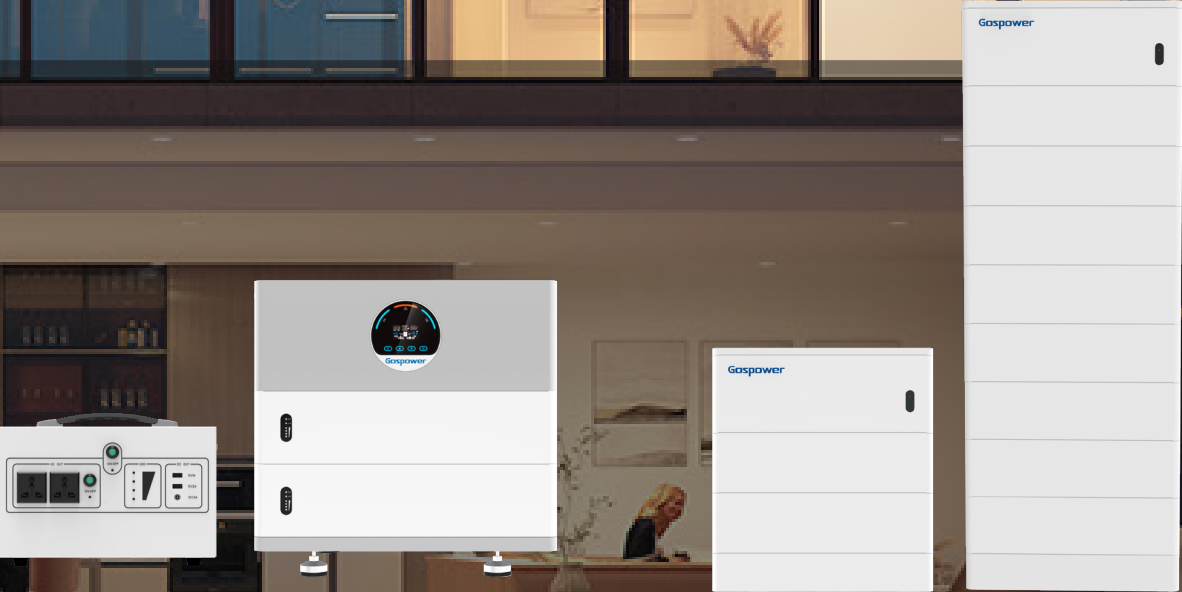
OFF GRID INVERTER



HYBRID INVERTER



BATTERY PACK



ALL IN ONE ESS HV LiFePO4 Stacked Battery

OFF GRID INVERTER

GPEO Series EU Single Phase

GPEO-1K8L1-M/3K6L1-M



1.8-3.6KW



130/145V



230V



12/24V



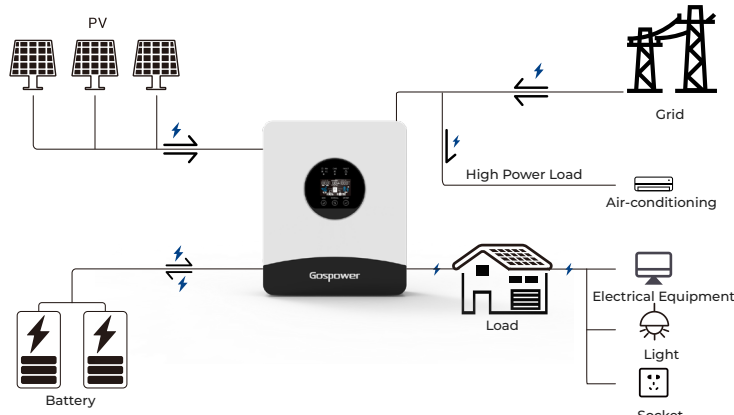
IP21

IP21 Design
Pure Sine Wave
Support LFP &SLA Battery
2 Years Warranty

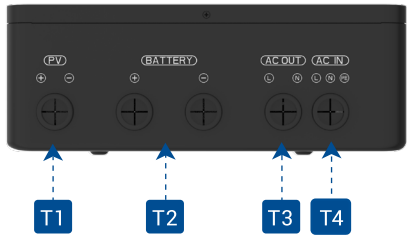


EN 62109-1 EN62109-2 IEC 61000

HOUSE ENERGY SYSTEM(OFF GRID)



CONNECTOR



T1: PV T3: AC LOAD
T2: BAT+/BAT- T4: AC GRID

GPEO-1K8L1-M		GPEO-3K6L1-M
PV(DC Input)		
Recommended max. PV input power	650W	1500W
Max.input voltage(Voc)	130V	145V
MPPT operating voltage range	15V-120V(@21V start up)	30V-120V(@36V start up)
Number of MPPT	1	1
Max. number of input strings per MPPT	1	1
Max. input current per MPPT	20A	25A
Max. short-circuit current per MPPT	25A	27A
Grid(AC Input)		
Max input power	2300W	4600W
Max input current	10A	20A
Rated grid voltage	220/230/240Vac (L,N,PE)	220/230/240Vac (L,N,PE)
Rated grid frequency	50/60Hz	50/60Hz
Acceptable range	170-280Vac(For UPS); 90-280Vac (For Home Appliances)	170-280Vac(For UPS); 90-280Vac (For Home Appliances)
Battery parameters (Bidirection)		
Battery type	LiFePo4/Lead-acid	LiFePo4/Lead-acid
Battery voltage range	9.5V~14.5V	20-30V
Rated Battery Voltage	12Vdc	24Vdc
Max. charge/discharge current	105A/150A	120A/180A
Back-up Output (AC Output)		
Rated output power	1500W/1800VA	3000W/3600VA
Rated output current	7.8A	15.6A
Rated output voltage	220/230/240V(L,N,PE)	220/230/240V(L,N,PE)
Frequency	50/60Hz	50/60Hz
Surge power	3600VA 2s	7200VA 2s
THDv (@ linear load)	<3%	<3%
Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)	
Efficiency		
Peak efficiency	95%	95%
Max. MPPT efficiency	93%	92%
Protection		
Inner protection	√Output short-circuit protection √Output overvoltage protection	
Surge protection	PV: Type III, AC: Type III	
IP rating	IP21	IP21
General Parameters		
Operating temperature range	-10°C~ 50°C	-10°C~ 50°C
Relative humidity range	5%~95%	5%~95%
Max. operating altitude	>2000m derating	>2000m derating
Standby self-consumption	<10W	<10W
Installation type	Wall-mounted	Wall-mounted
Cooling mode	Fan cooling	Fan cooling
Communication	RS232	RS232/RS485
Display	LCD	LCD
Mechanical Specifications		
Inverter dimensions (L*W*H)(mm)	350*290*108	350*290*108
Net weight (kg)	5.5	6
Carton dimensions (L*W*H)(mm)	495*385*165	495*385*165
Gross weight (kg)	6.5	7
Warranty Period	2 Years	2 Years

OFF GRID INVERTER

GPEO Series EU Single Phase

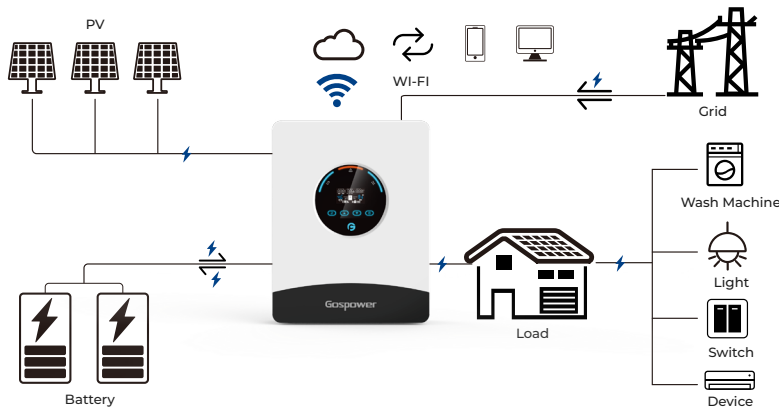
GPEO-3KL1/04KL1 PRO-1
GPEO-06KL1 PRO-1/08KL1-1

- 
3-8kW
- 
500V
- 
230V
- 
48V
- 
IP54

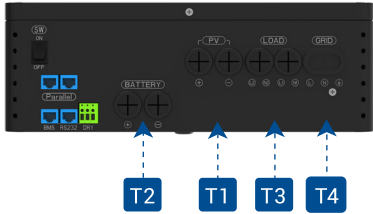
IP54 Design
Pure Sine Wave
Wide MPPT Operating Range
Built-In BMS Communication
Max. 12 Units Parallel
3 Years Warranty

CE EN 62109-1 EN62109-2 IEC 61000

HOUSE ENERGY SYSTEM(OFF GRID)



CONNECTOR



T1: PV T3: AC LOAD
T2: BAT+/BAT- T4: AC GRID

	GPEO-3KL1	GPEO-04KL1 PRO-1	GPEO-06KL1 PRO-1	GPEO-08KL1-1
PV(DC Input)				
Recommended max. PV input power	4500W	6000W	8000W	16000W
Max.input voltage(Voc)	500V	500V	500V	500V
MPPT operating voltage range	85V-450V (@85V start up)			
Number of MPPT	1	1	1	2
Max. number of input strings per MPPT	1	1	2	2
Max. input current per MPPT	15A	15A	27A	27/27A(MAX:54A)
Max. short-circuit current per MPPT	18A	18A	32A	32A/32A
Grid(AC Input)				
Max input power	4600W	6440W	11500W	14950W
Max input current	20A	28A	50A	65A
Rated grid voltage	220/230/240Vac	220/230/240Vac	220/230/240Vac	220/230/240Vac
Rated grid frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Acceptable range	170-280Vac(For UPS); 90-280Vac(For Home Appliances)			
Battery parameters (Bidirection)				
Battery type	LiFePO4 /Lead-acid	LiFePO4 /Lead-acid	LiFePO4 /Lead-acid	LiFePO4 /Lead-acid
Battery voltage range	20~30Vdc	20~30Vdc	40~60Vdc	40~60Vdc
Rated Battery Voltage	24Vdc	24Vdc	48Vdc	48Vdc
Max. charge/discharge current	120A/160A	120A/160A	120A/130A	160A/180A
BMS communication mode	RS485	RS485	RS485	RS485
Back-up Output (AC Output)				
Rated output power	3000W/3600VA	4000W/4000VA (Twin output)	6000W/6000VA (Twin output)	8000W/8000VA (Twin output)
Rated output current	15.6A	18.2A	27.3A	36.4A
Rated output voltage/Frequency	220/230/240Vac 50/60Hz			
Parallel Capacity	Single-phase Max. 12 units; Three-phase Max. 12 units	-	Single-phase Max. 12 units; Three-phase Max. 12 units	Single-phase Max. 9 units; Three-phase Max. 12 units
Surge power	7200VA 2s	8000VA 5S	12000VA 5s	16000VA 5s
THDv (@ linear load)	<3%	<3%	<3%	<3%
Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)			
Efficiency				
Peak efficiency	95%	95%	98%	98%
Max. MPPT efficiency	99.9%	99.9%	99.9%	99.9%
Protection				
Inner protection	√Output short-circuit protection √Output overvoltage protection			
Surge protection	PV: Type III, AC: Type III			
IP rating	IP54	IP54	IP54	IP54
General Parameters				
Operating temperature range	-10°C~ 55°C	-10°C~ 55°C	-10°C~ 55°C	-10°C~ 55°C
Relative humidity range	10%~95%	5%~95%	5%~95%	5%~95%
Max. operating altitude	>2000m derating	>2000m derating	>2000m derating	>2000m derating
Standby self-consumption	<10W	<10W	<10W	<20W
Installation type	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted
Cooling mode	Fan cooling	Fan cooling	Fan cooling	Fan cooling
Communication	RS232/RS485	RS232/RS485/Dry contact/WI-FI		
Display	LCD	LCD	LCD	LCD
Mechanical Specifications				
Inverter dimensions (L*W*H)(mm)	395*315*105	445*347*120	445*347*120	520*420*125
Net weight (kg)	7.9	9.2	12.4	17.5
Carton dimensions (L*W*H)(mm)	495*385*165	560*465*240	560*465*240	590*490*205
Gross weight (kg)	9	11.4	14.6	19.45
Warranty Period	3 Years	3 Years	3 Years	3 Years

OFF GRID INVERTER

GPEO Series EU Single Phase

GPEO-12KL1



12kW



500V



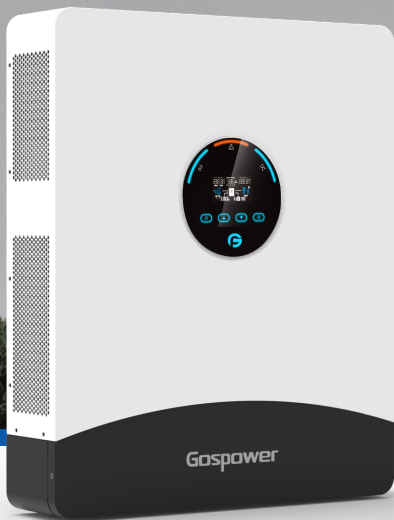
230V



48V



IP54

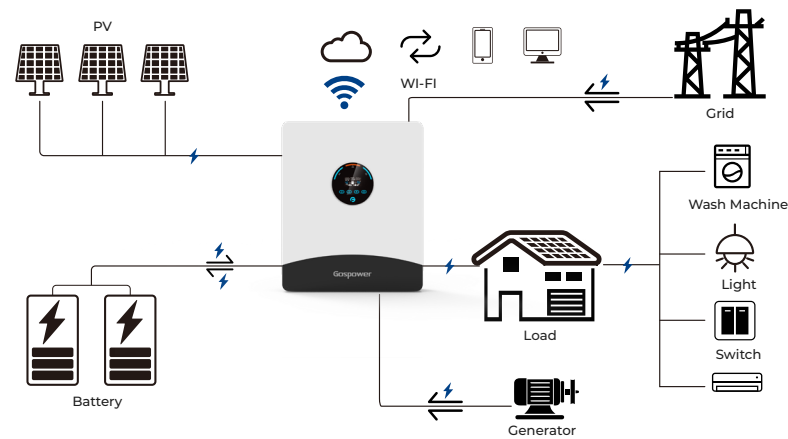


Twin PV Input
Twin AC Output
IP54 Design
3 Years Warranty
Max. 12 Units Parallel
Wide MPPT Operating Range
Built-In BMS Communication



EN 62109-1 EN62109-2 IEC 61000

HOUSE ENERGY SYSTEM(OFF GRID)



CONNECTOR



T1: PV T3: AC LOAD
T2: BAT+/BAT- T4: AC GRID

GPEO-12KL1	
PV(DC Input)	
Recommended max. PV input power	16000W
Max.input voltage(Voc)	500V
MPPT operating voltage range	85V-450V (@85V start up)
Number of MPPT	2
Max. number of input strings per MPPT	2
Max. input current per MPPT	27/27A(MAX:54A)
Max. short-circuit current per MPPT	32A/32A
Grid(AC Input)	
Max input power	20700W
Max input current	90A
Rated grid voltage	220/230/240Vac
Rated grid frequency	50/60Hz
Acceptable range	170-280Vac(For UPS); 90-280Vac(For Home Appliances)
Battery parameters (Bidirection)	
Battery type	LiFePO4 /Lead-acid
Battery voltage range	40~60Vdc
Rated Battery Voltage	48Vdc
Max. charge/discharge current	210A/230A
BMS communication mode	RS485
Back-up Output (AC Output)	
Rated output power	12000W/12000VA (Twin output)
Rated output current	54.5A
Rated output voltage/Frequency	220/230/240Vac 50/60Hz
Parallel Capacity	Single-phase Max. 6 units; Three-phase Max. 12 units
Surge power	24000VA 5s
THDv (@ linear load)	<3%
Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)
Efficiency	
Peak efficiency	98%
Max. MPPT efficiency	99.9%
Protection	
Inner protection	√Output short-circuit protection √Output overvoltage protection
Surge protection	PV: Type III, AC: Type III
IP rating	IP54
General Parameters	
Operating temperature range	-10°C~ 55°C
Relative humidity range	10%~95%
Max. operating altitude	>2000m derating
Standby self-consumption	<20W
Installation type	Wall-mounted
Cooling mode	Fan cooling
Communication	RS232/RS485R/Dry contact/WI-FI
Display	LCD
Mechanical Specifications	
Inverter dimensions (L*W*H)(mm)	630*525*125
Net weight (kg)	28.5
Carton dimensions (L*W*H)(mm)	715*620*210
Gross weight (kg)	32
Warranty Period	3 Years

OFF GRID INVERTER

GPEO Series EU Single Phase

GPEO-08KL1-2



8kW



500V



230V



48V



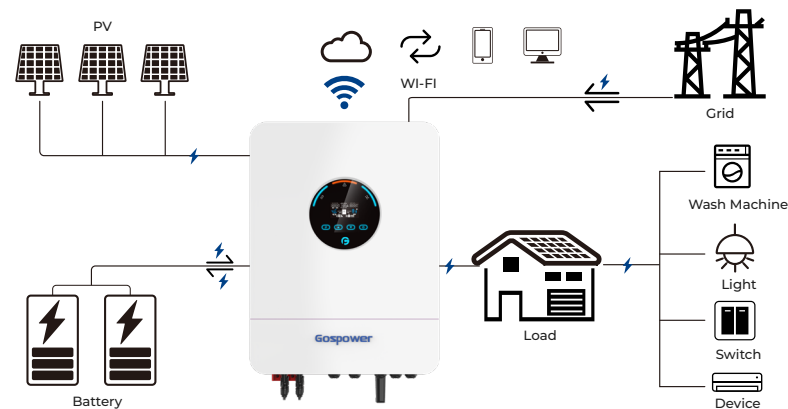
IP65

Twin PV Input
Twin AC Output
IP65 Design
5 Years Warranty
Max. 12 Units Parallel
Wide MPPT Operating Range
Built-In BMS Communication

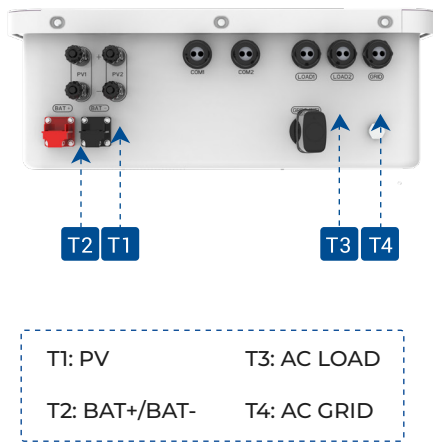


EN 62109-1 EN62109-2 IEC 61000

HOUSE ENERGY SYSTEM(OFF GRID)



CONNECTOR



GPEO-08KL1-2	
PV(DC Input)	
Recommended max. PV input power	16000W
Max.input voltage(Voc)	500V
MPPT operating voltage range	85V-450V (@85V start up)
Number of MPPT	2
Max. number of input strings per MPPT	2
Max. input current per MPPT	27/27A(MAX:54A)
Max. short-circuit current per MPPT	32A/32A
Grid(AC Input)	
Max input power	14950W
Max input current	65A
Rated grid voltage	220/230/240Vac
Rated grid frequency	50/60Hz
Acceptable range	170-280Vac(For UPS); 90-280Vac(For Home Appliances)
Battery parameters (Bidirection)	
Battery type	LiFePO4 /Lead-acid
Battery voltage range	40~60Vdc
Rated Battery Voltage	48Vdc
Max. charge/discharge current	160A/180A
BMS communication mode	RS485
Back-up Output (AC Output)	
Rated output power	8000W/8000VA (Twin output)
Rated output current	36.4A
Rated output voltage/Frequency	220/230/240Vac 50/60Hz
Parallel Capacity	Single-phase Max. 9 units; Three-phase Max. 12 units
Surge power	16000VA 5s
THDv (@ linear load)	<3%
Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)
Efficiency	
Peak efficiency	98%
Max. MPPT efficiency	99.9%
Protection	
Inner protection	√Output short-circuit protection √Output overvoltage protection
Surge protection	PV: Type III, AC: Type III
IP rating	IP65
General Parameters	
Operating temperature range	-10°C~ 55°C
Relative humidity range	10%~95%
Max. operating altitude	>2000m derating
Standby self-consumption	<20W
Installation type	Wall-mounted
Cooling mode	Smart cooling
Communication	RS232/RS485/Dry contact/WI-FI
Display	LCD
Mechanical Specifications	
Inverter dimensions (L*W*H)(mm)	598.8*454*217.2
Net weight (kg)	20.5
Carton dimensions (L*W*H)(mm)	756*555*313
Gross weight (kg)	22.8
Warranty Period	5 Years

HYBRID INVERTER

GPEX Series EU Single Phase

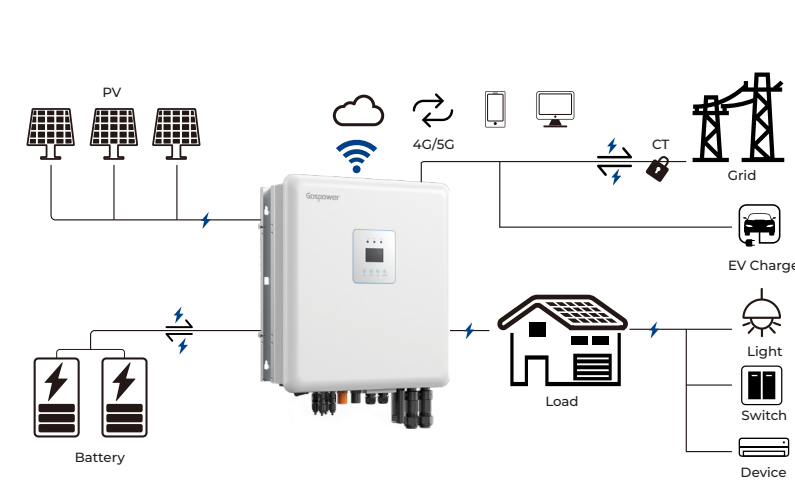
GPEX-3K6L1/5KL1/6KL1

 3.6-6kW
 550V
 230V
 48V
 IP65

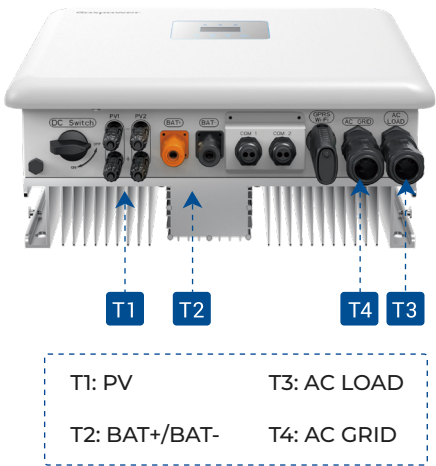
IP65 Design
Natural cooling
Support LFP & SLA Battery
Max.6 Units Parallel
5 Years Warranty

  EN 50549-1 VDE 4105 NTs type A
NRS 097-2-1 TP C10:11 CEI 0-21

HYBRID HOUSE ENERGY SYSTEM(ON/OFF GRID)



CONNECTOR



	GPEX-3K6L1	GPEX-5KL1	GPEX-6KL1
PV(DC Input)			
Recommended max. PV input power	4800W	8000W	8000W
Max.input voltage(Voc)	580V	580V	580V
MPPT operating voltage range	120-550V	120-550V	120-550V
Number of MPPT	1	2	2
Max. number of input strings per MPPT	1	1	1
Max. input current per MPPT	13A	13/13A	13/13A
Max. short-circuit current per MPPT	20A	20A	20A
On-grid(Bidirection)			
Rated input power	3600W	5000W	6000W
Rated input current	15.7A	21.7A	26.1A
Rated grid voltage	230V(L,N,PE) 50/60Hz	230V(L,N,PE) 50/60Hz	230V(L,N,PE) 50/60Hz
THDi	<3%	<3%	<3%
Power factor	-0.8~+0.8	-0.8~+0.8	-0.8~+0.8
Battery parameters (Bidirection)			
Battery type	SLA &LiFePO4	SLA &LiFePO4	SLA &LiFePO4
Battery voltage range	40-60V	40~60Vdc	40~60Vdc
Rated Battery Voltage	48Vdc	48Vdc	48Vdc
Max. charge/discharge current	50A	100A	100A
BMS communication mode	485;CAN	485;CAN	485;CAN
Back-up Output (AC Output)			
Rated output power	3600W/3600VA	5000W/5000VA	6000W/6000VA
Rated output current	15.7A	21.7A	26.1A
Rated output voltage/Frequency	230V(L,N,PE) 50/60Hz	230V(L,N,PE) 50/60Hz	230V(L,N,PE) 50/60Hz
Surge power	3780VA, 10min 4500VA, 1min 5400VA, 1S	5200VA, 10min 6250VA, 1min 7500VA, 1S	6300VA, 10min 7500VA, 1min 9000VA, 1S
THDv (@ linear load)	<3%	<3%	<3%
Switching time	<10ms	<10ms	<10ms
Efficiency			
Max. efficiency	97.20%	98.00%	98.00%
Max. MPPT efficiency	99.90%	99.90%	99.90%
European efficiency	96.40%	97.10%	97.10%
Protection			
protection	√DC switch √PV reverse connection protection √ Battery reverse connection protection √Output short-circuit protection √Output overvoltage protection √Insulation impedance detection √Residual current detection √Anti-island protection		
Surge protection	PV: Type III, AC: Type III		
IP rating	IP65	IP65	IP65
General Parameters			
Operating temperature range	-25-60°C	-25-60°C	-25-60°C
Relative humidity range	0%~95%	0%~95%	0%~95%
Installation type	Wall-mounted	Wall-mounted	Wall-mounted
Cooling mode	Natural cooling	Natural cooling	Natural cooling
Communication	Wi-Fi; R485; CAN; GPRS	Wi-Fi; R485; CAN; GPRS	Wi-Fi; R485; CAN; GPRS
Display	LCD;APP	LCD;APP	LCD;APP
Mechanical Specifications			
Inverter dimensions (L*W*H)(mm)	535*485*198.5	535*485*198.5	535*485*198.5
Net weight (kg)	27.5	29	29
Carton dimensions (L*W*H)(mm)	715*565*337	715*565*337	715*565*337
Gross weight (kg)	31.5	34.5	34.5
Warranty Period	5 Years Standard (10/15 Years Optional)		

HYBRID INVERTER

GPEX Series EU Three Phase

GPEX-10KH3/12KH3/15KH3

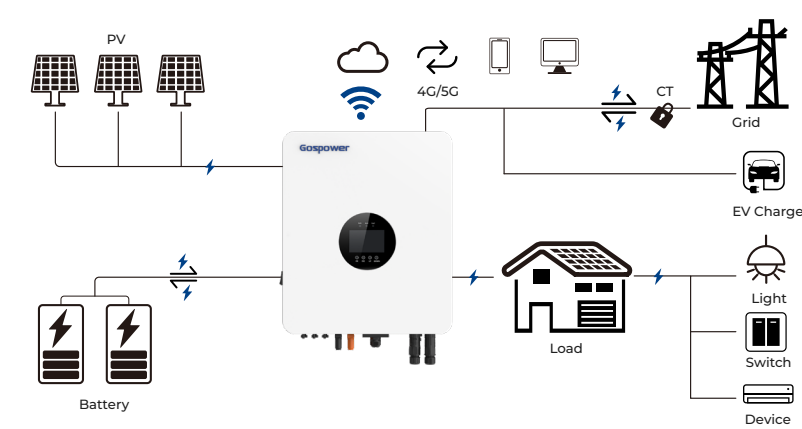
10-15kW 850V 400V 160-800V IP65



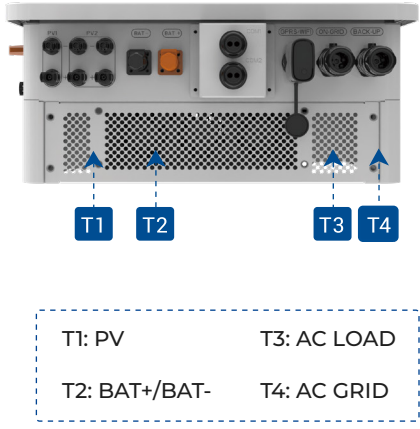
IP65 Design
Smart cooling
Support High Voltage Battery
Built-In BMS Communication
5 Years Warranty

CE Grid Code EN 50549-1 VDE 4105 NTs type A
NRS 097-2-1 TP C10:11 CEI 0-21

HYBRID HOUSE ENERGY SYSTEM(ON/OFF GRID)



CONNECTOR



	GPEX-10KH3	GPEX-12KH3	GPEX-15KH3
PV(DC Input)			
Recommended max. PV input power	22800W	22800W	22800W
Max.input voltage(Voc)	1000V	1000V	1000V
MPPT operating voltage range	200-850V(@200v start up)	200-850V(@200v start up)	200-850V(@200v start up)
Number of MPPT	2	2	2
Max. number of input strings per MPPT	1+2	1+2	1+2
Max. input current per MPPT	15A+30A	15A+30A	15A+30A
Max. short-circuit current per MPPT	19.5/40A	19.5/40A	19.5/40A
On-grid(Bidirection)			
Rated input power	10000W	12000W	15000W
Rated input current	14.5A	17.4A	21.7A
Rated grid voltage	400V(L1,L2,L3,N,PE)50/60Hz	400V(L1,L2,L3,N,PE)50/60Hz	400V(L1,L2,L3,N,PE)50/60Hz
THDi	<3%	<3%	<3%
Power factor	-0.8~+0.8	-0.8~+0.8	-0.8~+0.8
Battery parameters (Bidirection)			
Battery type	SLA &LiFePO4	SLA &LiFePO4	SLA &LiFePO4
Battery voltage range	160-800V	160-800V	160-800V
Rated Battery Voltage	400V	400V	400V
Max. charge/discharge current	50A	50A	50A
BMS communication mode	485;CAN	485;CAN	485;CAN
Back-up Output (AC Output)			
Rated output power	10000W/10000VA	12000W/12000VA	15000W/15000VA
Rated output current	14.5A	17.4A	21.7A
Rated output voltage/Frequency	400V(L1,L2,L3,N,PE)50/60Hz	400V(L1,L2,L3,N,PE)50/60Hz	400V(L1,L2,L3,N,PE)50/60Hz
Surge power	11000VA	13200VA	16500VA
THDv (@ linear load)	<3%	<3%	<3%
Switching time	<10ms	<10ms	<10ms
Efficiency			
Max. efficiency	99.90%	99.90%	99.90%
Max. MPPT efficiency	98.00%	98.00%	98.00%
European efficiency	97.50%	97.50%	97.50%
Protection			
protection	√DC switch √PV reverse connection protection √ Battery reverse connection protection √Output short-circuit protection √Output overvoltage protection √Insulation impedance detection √Residual current detection √Anti-island protection		
Surge protection	PV: Type III, AC: Type III		
IP rating	IP65	IP65	IP65
General Parameters			
Operating temperature range	-20°C~ 60°C	-20°C~ 60°C	-20°C~ 60°C
Relative humidity range	10-90%	10-90%	10-90%
Installation type	Wall-mounted	Wall-mounted	Wall-mounted
Cooling mode	Smart cooling	Smart cooling	Smart cooling
Communication	Wi-Fi; R485; CAN; GPRS	Wi-Fi; R485; CAN; GPRS	Wi-Fi; R485; CAN; GPRS
Display	LCD;APP	LCD;APP	LCD;APP
Mechanical Specifications			
Inverter dimensions (L*W*H)(mm)	520*430*200	520*430*200	520*430*200
Net weight (kg)	29	30	31
Carton dimensions (L*W*H)(mm)	695*550*340	695*550*340	695*550*340
Gross weight (kg)	30	31	32
Warranty Period	5 Years Standard (10/15 Years Optional)		

OFF GRID INVERTER

GPEO Series US Single Phase

GPEO-2KL1-US/3K5L1-US

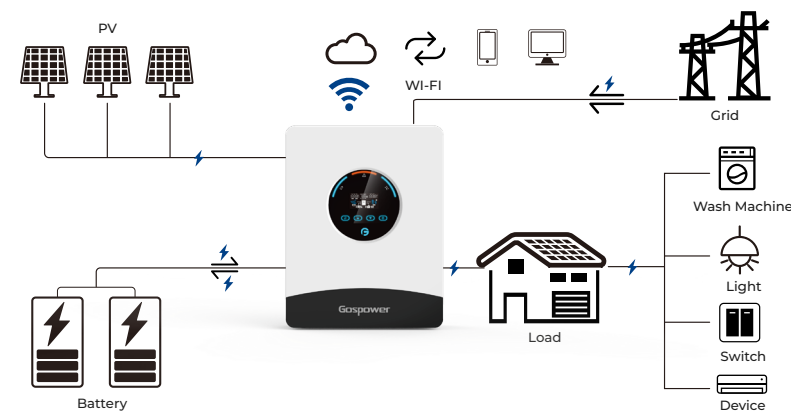
2-3.5kW 130-500V 120V 24/48V IP21/IP54



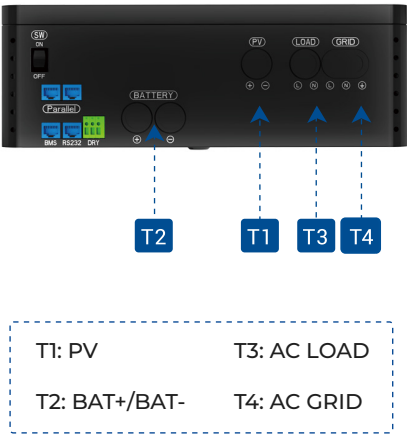
IP21/IP54 Design
Pure Sine Wave
110V/120V
Support LiFePO4 & Lead-acid
Battery
2/3 Years Warranty

CE EN 62109-1 EN62109-2 IEC 61000

HOUSE ENERGY SYSTEM(OFF GRID)



CONNECTOR



	GPEO-2KL1-US	GPEO-3K5L1-US
PV(DC Input)		
Recommended max. PV input power	1500W	6000W
Max.input voltage(Voc)	130V	500V
MPPT operating voltage range	30~120V(@36V Start up)	85V-450V (@ 85V start up)
Number of MPPT	1	1
Max. number of input strings per MPPT	1	1
Max. input current per MPPT	25A	27A
Max. short-circuit current per MPPT	27A	32A
Grid(AC Input)		
Rated input power	3100W	4500W
Rated input current	26A	37.5A
Rated grid voltage	110/120/127Vac(L,N)	110/120/127Vac (L,N)
Rated grid frequency	50/60Hz	50/60Hz
Acceptable range	80~150Vac (For Home Appliances)	90-1 40Vac (For UPS); 80-140Vac (For Home Appliances)
Battery parameters (Bidirection)		
Battery type	LiFePO4 /Lead-acid	LiFePO4 /Lead-acid
Battery voltage range	20-30Vdc	40-60Vdc
Rated Battery Voltage	24Vdc	48Vdc
Max. charge/discharge current	120A/110A	60A/65A
BMS communication mode	RS485	RS485
Back-up Output (AC Output)		
Rated output power	2000W/2400VA	3500W/3500VA
Rated output current	20A	29.2A
Rated output voltage/Frequency	110/120/127V(L,N)50/60Hz	110/120/127V(L,N)50/60Hz
Parallel Capacity	-	Max. 12 Units
Surge power	4800VA 2S	7000VA 5s
THDv (@ linear load)	<3%	<3%
Switching time	20ms typical (For Home Appliances)	10ms typical (For UPS) 20ms typical (For Home Appliances)
Efficiency		
Max. efficiency	95.00%	98.00%
Max. MPPT efficiency	90.00%	99.90%
Protection		
Inner protection	√ Output short-circuit protection √Output overvoltage protection	
Surge protection	PV: Type III, AC: Type III	
IP rating	IP21	IP54
General Parameters		
Operating temperature range	-10°C~ 50°C	-5°C~ 50°C
Relative humidity range	10-90%	5-95%
Installation type	Wall-mounted	Wall-mounted
Cooling mode	Fan cooling	Fan cooling
Communication	RS232/RS485	RS232/RS485/Dry contact/WIFI
Display	LCD	LCD
Mechanical Specifications		
Inverter dimensions (L*W*H)(mm)	350*290*108	445*347*120
Net weight (kg)	6.0	12
Carton dimensions (L*W*H)(mm)	495*385*165	560*465*240
Gross weight (kg)	7.0	14
Warranty Period	2 Years	3 Years

OFF GRID INVERTER

GPEO Series US Split Phase

GPEO-08KL2-US

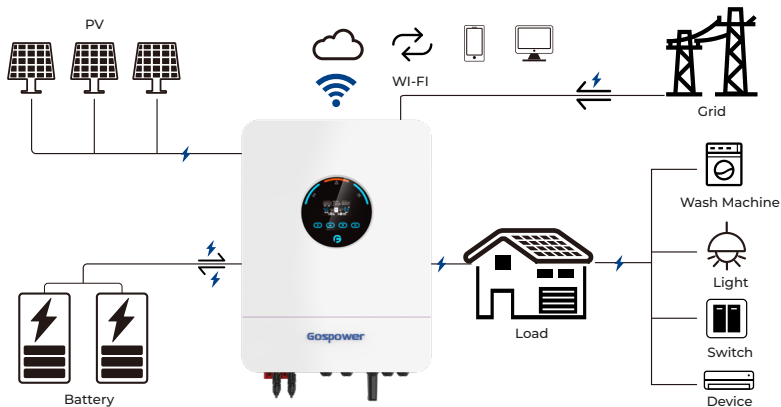
8kW 500V 120V/240V 48V IP65



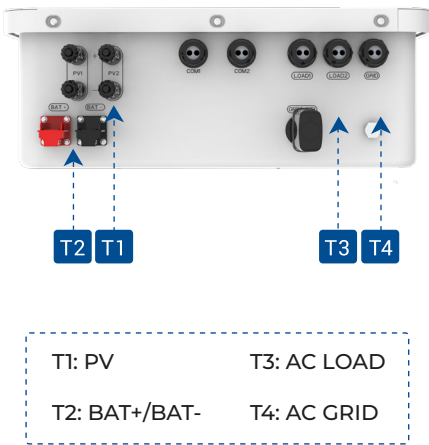
IP65 Design
Pure Sine Wave
120V/240V
Support LiFePO4 & Lead-acid
Battery
5 Years Warranty

CE EN 62109-1 EN62109-2 IEC 61000

HOUSE ENERGY SYSTEM(OFF GRID)



CONNECTOR



GPEO-08KL2-US	
PV(DC Input)	
Recommended max. PV input power	16000W
Max.input voltage(Voc)	500V
MPPT operating voltage range	85V-450V (@ 85V start up)
Number of MPPT	2
Max. number of input strings per MPPT	2
Max. input current per MPPT	27/27A(MAX:54A)
Max. short-circuit current per MPPT	32A/32A
Grid(AC Input)	
Rated input power	16000W
Rated input current	70A
Rated grid voltage	120/240Vac,127/220Vac(L1,L2,N)
Rated grid frequency	50/60Hz
Acceptable range	90-1 40Vac (For UPS); 80-140Vac (For Home Appliances)
Battery parameters (Bidirection)	
Battery type	LiFePO4 /Lead-acid
Battery voltage range	40-60Vdc
Rated Battery Voltage	48Vdc
Max. charge/discharge current	150A/170A
BMS communication mode	RS485/CAN
Back-up Output (AC Output)	
Rated output power	8000W / 8000VA
Rated output current	36.4A
Rated output voltage/Frequency	120/240,127/220V(L1,L2,N),60Hz
Parallel Capacity	Split-phase Max. 9 units; Three-phase Max. 9 units
Surge power	16000VA 5s
THDv (@ linear load)	<3%
Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)
Efficiency	
Max. efficiency	98.00%
Max. MPPT efficiency	99.90%
Protection	
Inner protection	√ Output short-circuit protection √Output overvoltage protection
Surge protection	PV: Type III, AC: Type III
IP rating	IP65
General Parameters	
Operating temperature range	-5°C~ 50°C
Relative humidity range	5-95%
Installation type	Wall-mounted
Cooling mode	Smart cooling
Communication	RS232/RS485/Dry contact/WIFI
Display	LCD
Mechanical Specifications	
Inverter dimensions (L*W*H)(mm)	598.8*454*217.2
Net weight (kg)	20.5
Carton dimensions (L*W*H)(mm)	765*555*313
Gross weight (kg)	25
Warranty Period	5 Years

HYBRID INVERTER GPEX Series US Split Phase

GPEX-15KH2



15kW



550V



120/240V



75-480V



TYPE 4X



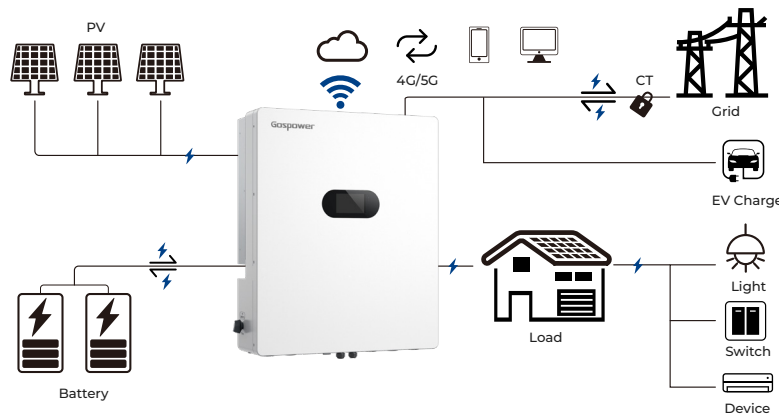
TYPE 4X Design
Natural Cooling
Support High Voltage Battery
Generator Port
5 Years Warranty



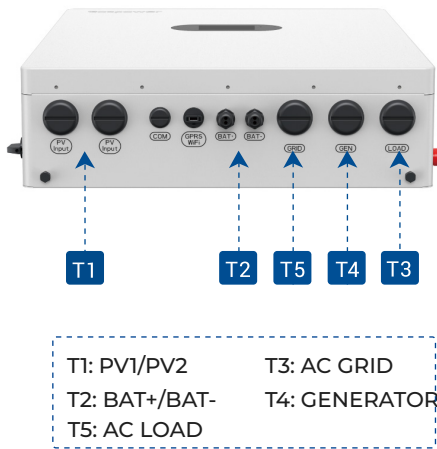
Grid Code

UL1741 UL1699B IEEE1547.1-2020
FCC (part15 class B), AFCI TYPE1

HOUSE ENERGY SYSTEM(ON/OFF GRID)



CONNECTOR



T1: PV1/PV2 T3: AC GRID
T2: BAT+/BAT- T4: GENERATOR
T5: AC LOAD

GPEX-15KH2	
PV(DC Input)	
Recommended max. PV input power	24kw
Max.input voltage(Voc)	550V
MPPT operating voltage range	120-550V
Number of MPPT	4/2
Max. number of input strings per MPPT	6KW
Max. input current per MPPT	27A
Max. short-circuit current per MPPT	40A
On-grid(Bidirection)	
Rated input power	15kw
Rated input current	62.5A
Max. Continuous AC input power	20kw
Max, Continuous AC input current	83.3A
THDi	<3%
Rated grid voltage	120/240V,208V(L1,L2,N)50/60Hz
Power factor	0.8leading..0.8lagging
Battery parameters (Bidirection)	
Battery type	LiFePO4
Battery voltage range	75-480Vdc
Rated Battery Voltage	204.8Vdc
Max. charge/discharge current	75A
BMS communication mode	CAN/485
Back-up Output (AC Output)	
Rated Output voltage(L-L)	120/240V,208V(L1,L2,N)50/60Hz
Output power/current (L-L)	Rated: 15kW/62.5A
Rated output voltage(L-N)	120V (L, N) 60Hz
Generator Parameters(AC Input)	
Rated AC input voltage	120/240 V (L1, L2,N) 60Hz
Max. AC input current	79.2A
Max. AC input power	19kw
Efficiency	
Peak efficiency	97.00%
Max. MPPT efficiency	99.90%
Battery charging/discharging efficiency	96.00%
Protection	
Inner protection	√DC switch √PV reverse connection protection √ Battery reverse connection protection √Output short-circuit protection √Output overvoltage protection √Insulation impedance detection √Residual current detection √Anti-island protection
Surge protection	PV: Type III, AC: Type III
IP rating	Type 4X
General Parameters	
Operating temperature range	-22°F~+140°F (No derating below 113° F)
Relative humidity range	>3000m derating
Cooling mode	Natural cooling
Communication	WIFI/ GPRS
Switching time	<20MS
Mechanical Specifications	
Inverter dimensions (L*W*H)(mm)	840*680*200
Net weight (kg)	58.5
Carton dimensions (L*W*H)(mm)	1075*895*365
Gross weight (kg)	71
Warranty Period	5 Years Standard (10/15 Years Optional)

All In One Home Energy System

GPSO Series





Flexible Scalability
Supports up to 4 series connections
for strong expandability



Smart Operation & Maintenance
Easy installation,
WiFi remote monitoring



Safety and Reliability
Built-in BMS, IP54 protection,
3-years warranty



Enhanced Energy Efficiency
Maximum 1C charge/discharge rate,
3kW-10kW rated output power



User-Friendly Design
Floor-standing installation, touch buttons,
full-view LCD display



Local Service
Supports local sales and after-
sales service

GPSO-03KL1-025S1					GPSO-03K5L1-050S1	GPSO-05KL1-050S1	GPSO-10KL1-100S2
PV(DC Input)							
Recommended max. PV input power	6000W	6000W	8000W	16000W			
Max.input voltage(Voc)	500V	500V	500V	500V			
MPPT operating voltage range	85V-450V(@85V start up)						
Number of MPPT	1	1	1	2			
Max. number of input strings per MPPT	1	2	2	2			
Max. input current per MPPT	15A	27A	27A	27/27A			
Max. short-circuit current per MPPT	18A	35A	35A	35/35A			
Grid(AC Input)							
Max input power	6000W	4500W	10000W	16000W			
Max input current	26A	37.5A	45A	78A			
Rated grid voltage	220/230/240Vac	110/120/127V(L,N)	220/230/240Vac	220/230/240Vac			
Rated grid frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz			
Acceptable range	170-280Vac(For UPS); 90-280Vac (For Home Appliances)	90-140Vac(For UPS); 80-140Vac (For Home Appliances)	170-280Vac(For UPS); 90-280Vac (For Home Appliances)	170-280Vac(For UPS); 90-280Vac (For Home Appliances)			
Battery parameters (Bidirection)							
Battery type	LiFePO4	LiFePO4	LiFePO4	LiFePO4			
Battery voltage range	40~60Vdc	40~60Vdc	40~60Vdc	40~60Vdc			
Nominal Battery Energy/pack Quantity	2.56kWh	5.12kWh	5.12kWh	2*5.12kwh			
Max. charge/discharge current	50A/50A	100A/100A	100A/100A	200A/200A			
Max parallel quantity/energy	4/10.24KWH	4/20.48KWH	4/20.48KWH	4/20.48KWH			
Back-up(AC output)							
Rated output power	3000W/3000VA	3500W/3500VA	5000W/5000VA	10000W/10000VA (Twin output)			
Rated output current	13.6A	29.2A	22.7A	44.5A			
Rated output voltage/frequency	220/230/240Vac 50/60Hz						
Surge power	6000VA 5S	7000VA 5s	10000VA 5S	20000VA 5s			
THDv (@ linear load)	<3%	<3%	<3%	<3%			
Parallel Capacity	Single-phase Max. 12 units Three-phase Max. 12 units	Single-phase Max. 12 units Three-phase Max. 12 units	Single-phase Max. 12 units Three-phase Max. 12 units	Single-phase Max. 6 units Three-phase Max. 12 units			
Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)						
Efficiency							
Peak efficiency	95%	98%	98%	98%			
Max. MPPT efficiency	99.90%	99.90%	99.90%	99.90%			
Protection							
Inner protection	√Output short-circuit protection √Output overvoltage protection						
Surge protection	PV: Type III, AC: Type III						
IP rating	IP54	IP54	IP54	IP54			
General Parameters							
Operating temperature range	-10°C~ 55°C	-10°C~ 55°C	-10°C~ 55°C	-10°C~ 55°C			
Relative humidity range	5%~95%	5%~95%	5%~95%	5%~95%			
System dimensions(L*W*H)(mm)	525*410*470	650*480*445.8	650*480*445.8	650*480*645.8			
System weight(kg)	49.5	74.4	74.4	139.1			
Warranty Period	3 Years	3 Years	3 Years	3 Years			

1200W Portable Power Station

GPSP Series



Enhanced Energy Efficiency

Maximum PV input power 900W;
rated load capacity 1200W



Safety Protection

Features overvoltage and short-circuit protection functions



Safety and Reliability

Built-in BMS, IP21 protection,
3-years warranty



Superior Performance

Supports high-power household appliances under load with short-circuit protection



User-Friendly

Integrated design for instant access



Local Service

Supports local sales and after-sales service

GPSP-12L1-010A1	
PV(DC Input)	
Recommended max. PV input power	900W
Max.input voltage(Voc)	120V
MPPT operating voltage range	25V-100V(@22V start up)
Number of MPPT	1
Max. number of input strings per MPPT	1
Max. input current per MPPT	15A, 29V below 8A
Max. short-circuit current per MPPT	18A
DC output	
USB-A1	5V/1A
USB-A2	5V/2A
USB-C1	NA
DC5521	12V/3A
Battery parameters (Bidirection)	
Battery capacity	960Wh,50Ah
Battery type	LiFePO4
Battery voltage range	16~22Vdc
Rated Battery Voltage	19.2Vdc
Max. charge/discharge current	50A/80A
BMS communication mode	RS485
Back-up Output (AC Output)	
Rated output power	1200W/1200VA
Rated output current	5.5A or 11A
Rated output voltage	220/230/240Vac 50/60Hz or 120Vac 60Hz
Frequency	50/60Hz
Surge power	2400VA 2s
THDv (@ linear load)	<3%
Efficiency	
Peak efficiency	>90%
Max. MPPT efficiency	99.90%
Protection	
Inner protection	√Output short-circuit protection √Output overvoltage protection
Surge protection	PV: Type III, AC: Type III
IP rating	IP21
General Parameters	
Operating temperature range	-10°C~ 55°C
Relative humidity range	5%~95%
Max.operating altitude	>2000m derating
Standby self consumption	<15W
Cooling mode	Fan cooling
Dimension(L*D*H)(mm)	320*225*200
Gross Weight (kg)	12.5
Warranty Period	3 Years

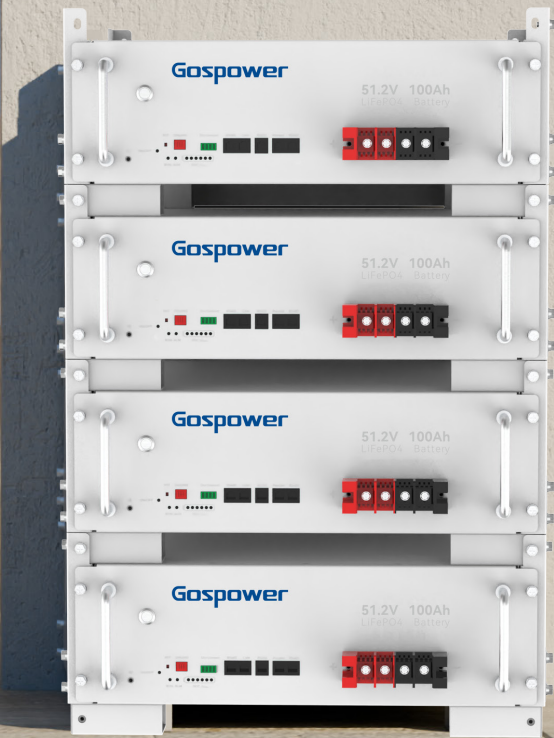
51.2V 100Ah 3U Racked Battery GPLB-512100R


51.2V


5.12kW

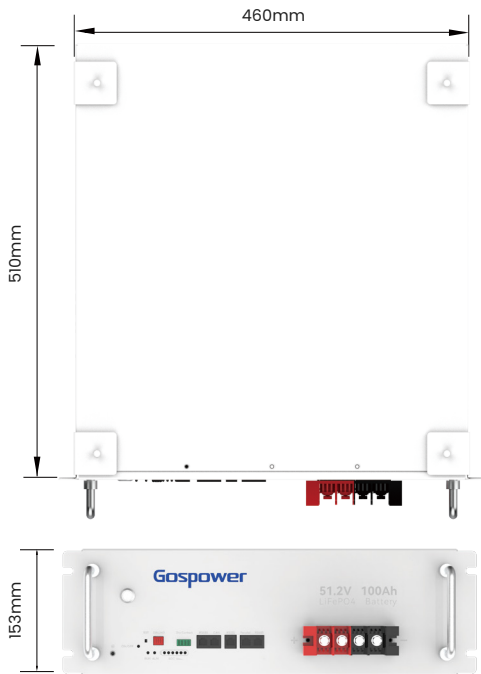
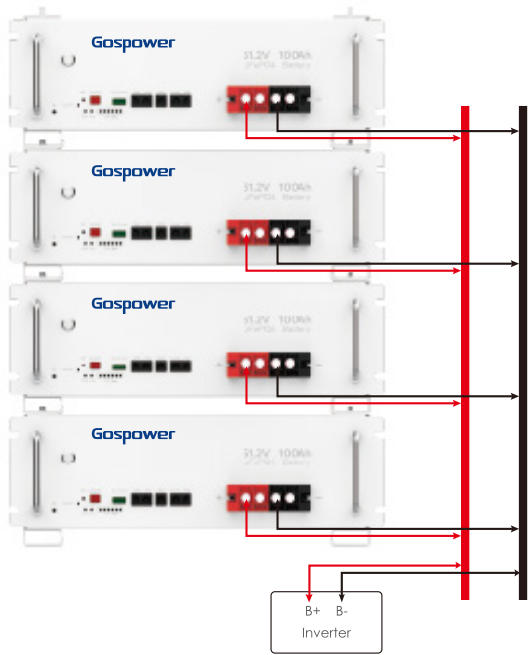

5.12kWh


IP20



GPLB-512100R	
Nominal Energy (kWh)	5.12
Nominal Voltage (V)	51.2
Nominal Capacity(Ah)	100
IP Rating	IP20
Output Power (kW)	5.12
Voltage Range (V)	43.2~58.4
Charge Voltage (V)	56.8~58.4
Charge Current (A)	100
Discharge Current(A)	100
Charge Mode	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C
Warranty	5 Years
Cycle Life	>6000(@25°C, 80% DOD)
Weight (kg)	48

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 6000+



Smart Operation & Maintenance

Stacked installation saves space effectively



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Scalable up to 76.8kWh with 15 strings in parallel



User-Friendly

Compatible with mainstream inverters



Local Service

Supports local sales and after-sales service

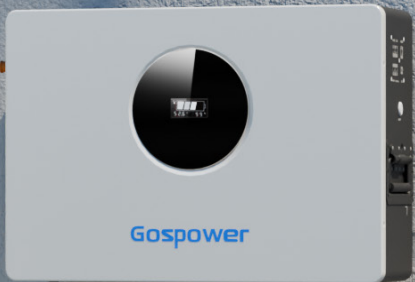
25.6V 100Ah LV Battery GPLB-24100M


25.6V


2.56kW

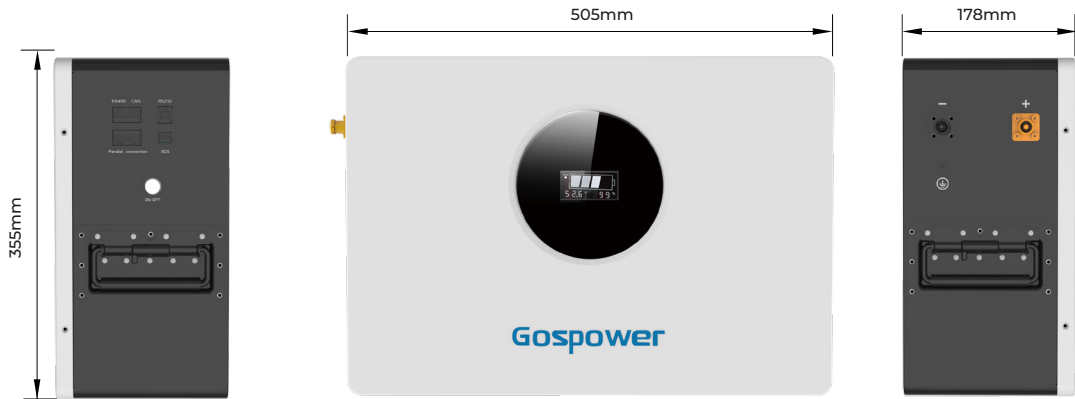

2.56kWh


IP20



GPLB-24100M	
Nominal Energy (kWh)	2.56
Nominal Voltage (V)	25.6
Nominal Capacity(Ah)	100
IP Rating	IP20
Output Power (kW)	2.56
Voltage Range (V)	21.6~29.2
Charge Voltage (V)	28.4~29.2
Charge Current (A)	75
Discharge Current(A)	100
Charge Mode	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C
Warranty	5 Years
Cycle Life	>6000(@25°C, 80% DOD)
Weight (kg)	27.7

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 6000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Scalable up to 40.96kWh with 16 strings in parallel



User-Friendly

Compatible with mainstream inverters



Local Service

Supports local sales and after-sales service

25.6V 200Ah LV Battery GPLB-24200M



25.6V



5.12kW



5.12kWh



IP20



GPLB-24200M	
Nominal Energy (kWh)	5.12
Nominal Voltage (V)	25.6
Nominal Capacity(Ah)	200
IP Rating	IP20
Output Power (kW)	5.12
Voltage Range (V)	21.6~29.2
Charge Voltage (V)	28.4~29.2
Charge Current (A)	150
Discharge Current(A)	200
Charge Mode	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C
Warranty	5 Years
Cycle Life	>6000(@25°C, 80% DOD)
Weight (kg)	48.5

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 8000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Scalable up to 81.92kWh with 16 strings in parallel



User-Friendly

Compatible with mainstream inverters



Local Service

Supports local sales and after-sales service

25.6V 314Ah LV Battery GPLB-24314M


25.6V


5.12kW


8.04kWh


IP20



GPLB-24314M	
Nominal Energy (kWh)	8.04
Nominal Voltage (V)	25.6
Nominal Capacity(Ah)	314
IP Rating	IP20
Output Power (kW)	5.12
Voltage Range (V)	21.6~29.2
Charge Voltage (V)	28.4~29.2
Charge Current (A)	150
Discharge Current(A)	200
Charge Mode	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C
Warranty	5 Years
Cycle Life	>8000(@25°C, 80% DOD)
Weight (kg)	65

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 8000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Scalable up to 128.64kWh with 16 strings in parallel



User-Friendly

Compatible with mainstream inverters



Local Service

Supports local sales and after-sales service

51.2V 100Ah LV Battery GPLB-48100M



51.2V



5.12kW



5.12kWh



IP20



GPLB-48100M	
Nominal Energy (kWh)	5.12
Nominal Voltage (V)	51.2
Nominal Capacity(Ah)	100
IP Rating	IP20
Output Power (kW)	5.12
Voltage Range (V)	43.2~58.4
Charge Voltage (V)	56.8~58.4
Charge Current (A)	75
Discharge Current(A)	100
Charge Mode	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C
Warranty	5 Years
Cycle Life	>6000(@25°C, 80% DOD)
Weight (kg)	48.5

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 6000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Scalable up to 81.92kWh with 16 strings in parallel



User-Friendly

Compatible with mainstream inverters



Local Service

Supports local sales and after-sales service

51.2V 200Ah LV Battery GPLB-48200M


51.2V


10.24kW

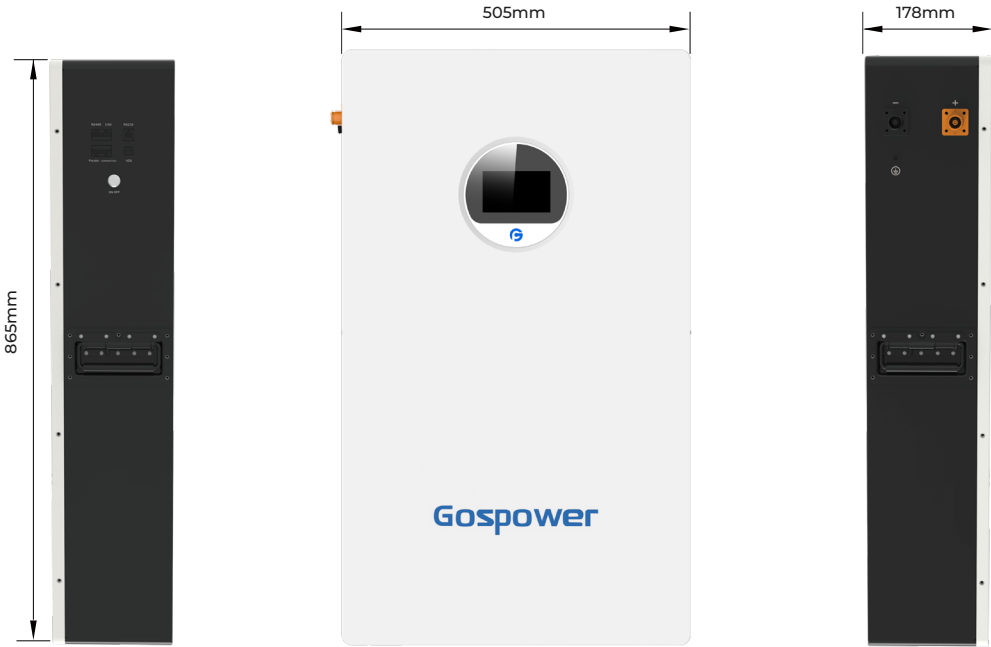

10.24kWh


IP20



GPLB-48200M	
Nominal Energy (kWh)	10.24
Nominal Voltage (V)	51.2
Nominal Capacity(Ah)	200
IP Rating	IP20
Output Power (kW)	10.24
Voltage Range (V)	43.2~58.4
Charge Voltage (V)	56.8~58.4
Charge Current (A)	150
Discharge Current(A)	200
Charge Mode	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C
Warranty	5 Years
Cycle Life	>6000(@25°C, 80% DOD)
Weight (kg)	93

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 6000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Scalable up to 163.84kWh with 16 strings in parallel



User-Friendly

Compatible with mainstream inverters



Local Service

Supports local sales and after-sales service

51.2V 205Ah LV Battery GPLB-48205W



51.2V



10.24kW



10.496kWh



IP20



GPLB-48205W	
Nominal Energy (kWh)	10.496
Nominal Voltage (V)	51.2
Nominal Capacity(Ah)	205
IP Rating	IP20
Output Power (kW)	10.24
Voltage Range (V)	43.2~58.4
Charge Voltage (V)	56.8~58.4
Charge Current (A)	150
Discharge Current(A)	200
Charge Mode	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C
Warranty	5 Years
Cycle Life	>6000(@25°C, 80% DOD)
Weight (kg)	94

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 6000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Scalable up to 167.9kWh with 16 strings in parallel



User-Friendly

Compatible with mainstream inverters, plug-and-play adaptability



Local Service

Supports local sales and after-sales service

51.2V 280/314Ah LV Battery GPLB-48280W/48314W



51.2V



10.24kW



14.34/16.08kWh



IP20



	GPLB-48280W	GPLB-48314W
Nominal Energy (kWh)	14.34	16.08
Nominal Voltage (V)	51.2	51.2
Nominal Capacity(Ah)	280	314
IP Rating	IP20	IP20
Output Power (kW)	10.24	10.24
Voltage Range (V)	43.2~58.4	43.2~58.4
Charge Voltage (V)	56.8~58.4	56.8~58.4
Charge Current (A)	150	150
Discharge Current(A)	200	200
Charge Mode	CC-CV	CC-CV
Communication	CAN/RS485/RS232/ Dry Contact	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C	-20°C~ 55°C
Warranty	5 Years	5 Years
Cycle Life	>6000(@25°C, 80% DOD)	>8000(@25°C, 80% DOD)
Weight (kg)	117	120.5

Dimensions

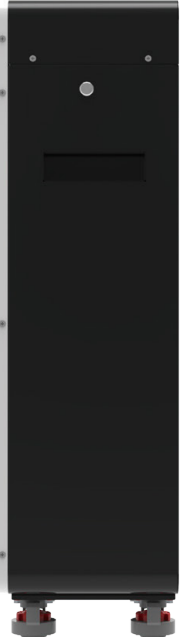


465mm

240mm



854mm



Cost-effective

Grade-A LFP cells with a cycle Life of 6000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Up to 16 strings in parallel, providing strong scalability



User-Friendly

Compatible with mainstream inverters, plug-and-play adaptability



Local Service

Supports local sales and after-sales service

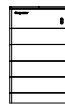
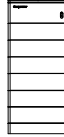
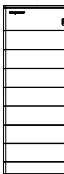
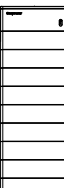
102V-400V High Voltage Stacked Battery GPHB-48100S-2/3/4/5/6/7/8


100-400V


IP65



Gaspower

Parameters	48100S-2	48100S-3	48100S-4	48100S-5	48100S-6	48100S-7	48100S-8
Battery module quantity							
Battery module energy (kWh)	10.24	15.36	20.48	25.60	30.72	35.84	40.96
Module Number	2	3	4	5	6	7	8
Rated Voltage (V)	102.4	153.6	204.8	256.0	307.2	358.4	409.6
Voltage Range(V)	86.4-116.8	129.6-175.2	172.8-233.6	216.0-292.0	259.2-350.4	302.4-408.8	345.6-467.2
Rated Charge Current(A)	20	20	20	20	20	20	20
Rated Discharge Current(A)	50	50	50	50	50	50	50
Max. Discharge Current (A)	75	75	75	75	75	75	75
Dimension:(W*D*H)	600*390*652	600*390*816	600*390*979	600*390*1143	600*390*1306	600*390*1470	600*390*1633
Weight (kg)	119	165	212	258	304	350	397
Environment Parameter							
Enclosure Protection Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Charge Temperature Range	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C
Discharge Temperature Range	-20°C~55°C	-20°C~55°C	-20°C~55°C	-20°C~55°C	-20°C~55°C	-20°C~55°C	-20°C~55°C
Installation Method	Floor-mount	Floor-mount	Floor-mount	Floor-mount	Floor-mount	Floor-mount	Floor-mount
Service Life							
Cycle Life	>6000(@25°C, 80% DOD)						
Design Life (Year)	10						
Certification							
Safety & Certification	CE, IEC62619						
Transportation	UN38.3						



Cost-effective

10-year lifespan design with over 6000 charge cycles



Smart Operation & Maintenance

Multi-platform monitoring with remote control and upgrade support



Safety and Reliability

Built-in BMS, IP65 high-grade protection



Enhanced Energy Efficiency

Supports 8 battery cells in series for up to 40.96kWh capacity



User-Friendly

Stackable design for flexible expansion and easy installation



Superior Performance

Maximum 75A discharge current meets high-power demands for villas

Wireless WIFI Distribution Network

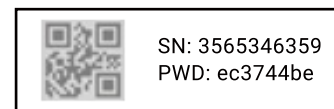
Step 1

Scan the QR code below and download the APP.



Step 2

Scan the QR code on the film(as shown in the figure below) on the collection stick.



Step 3

Click the Register a new account button to jump to Register a new account: the registration page. You need to improve the basic information of the account according to the prompts to complete the registration and use of the SOLARMAN Smart App account.

Step 4

Log In: After completing the account registration, you can log in by selecting E-mail Phone and User name for subsequent operations, enter the corresponding account and password, and click the Log In button to enter SOLARMAN Smart.

HYBRID INVERTER MONITORING APP/SOLAR MAN

- Plug Design, Easy to install
- External Design, Easier to Replace Faulty Equipment
- End-User Can Monitor at Any Time with Solar Man

Wireless WIFI Distribution Network

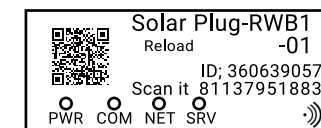
Step 1

Scan the QR code below and download the APP.



Step 2

Scan the QR code on the film(as shown in the figure below) on the collection stick.



Step 3

Choose a browser to use on the mobile phone, then enter the URL [http://download app.solar.siseli.com](http://download.app.solar.siseli.com) in the browser and open it, and then select the app store on the pop-up page to download the APP

OFF GRID INVERTER MONITORING APP

- Plug Design, Easy to Install
- External Design, Easier to Replace Faulty Equipment
- End-User Can Monitor at Any Time

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CORPORATE CULTURE

Our Vision

To be a world leading company in digital power field.

Our Mission

Provide smart energy solutions for low-carbon society.

Our Values

Honest,Integrity,Excellence and Striver-oriented.

CASE



 12KW System in Iraq



 30KWH System In Malaysia



 60KWH System in Vietnam



 36KW System in Bolivia



 72KW System in Iraq



 6KW System in Myanmar



 12KW System in Myanmar



 12KW System in Vietnam



 12KW System in Iraq



 12KW System in Iraq



 15KWH System in Peru



 10KWH System in Brazil

CASE



 60KWH System In Vietnam



 18KW System in Myanmar



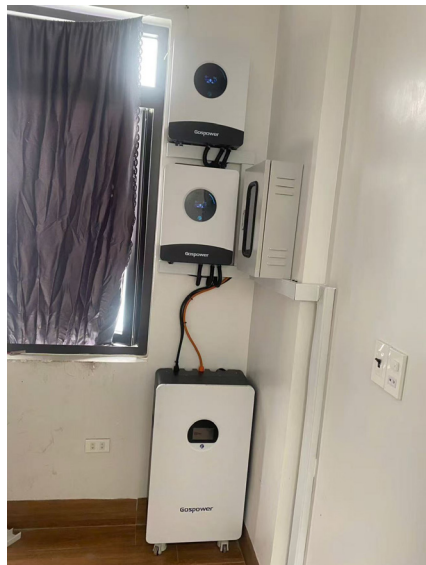
 15KWH System In Vietnam



 30KWH System in Myanmar



 15KWH System In Vietnam



 15KWH System In Malaysia



 10KWH System in Philippines



 30KWH System in Philippines



 60KWH System in Vietnam



 60KWH System in Chile



 10KWH System in Thailand