



PRODUCT CATALOG

New Energy Application

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

COMPANY PROFILE

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

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

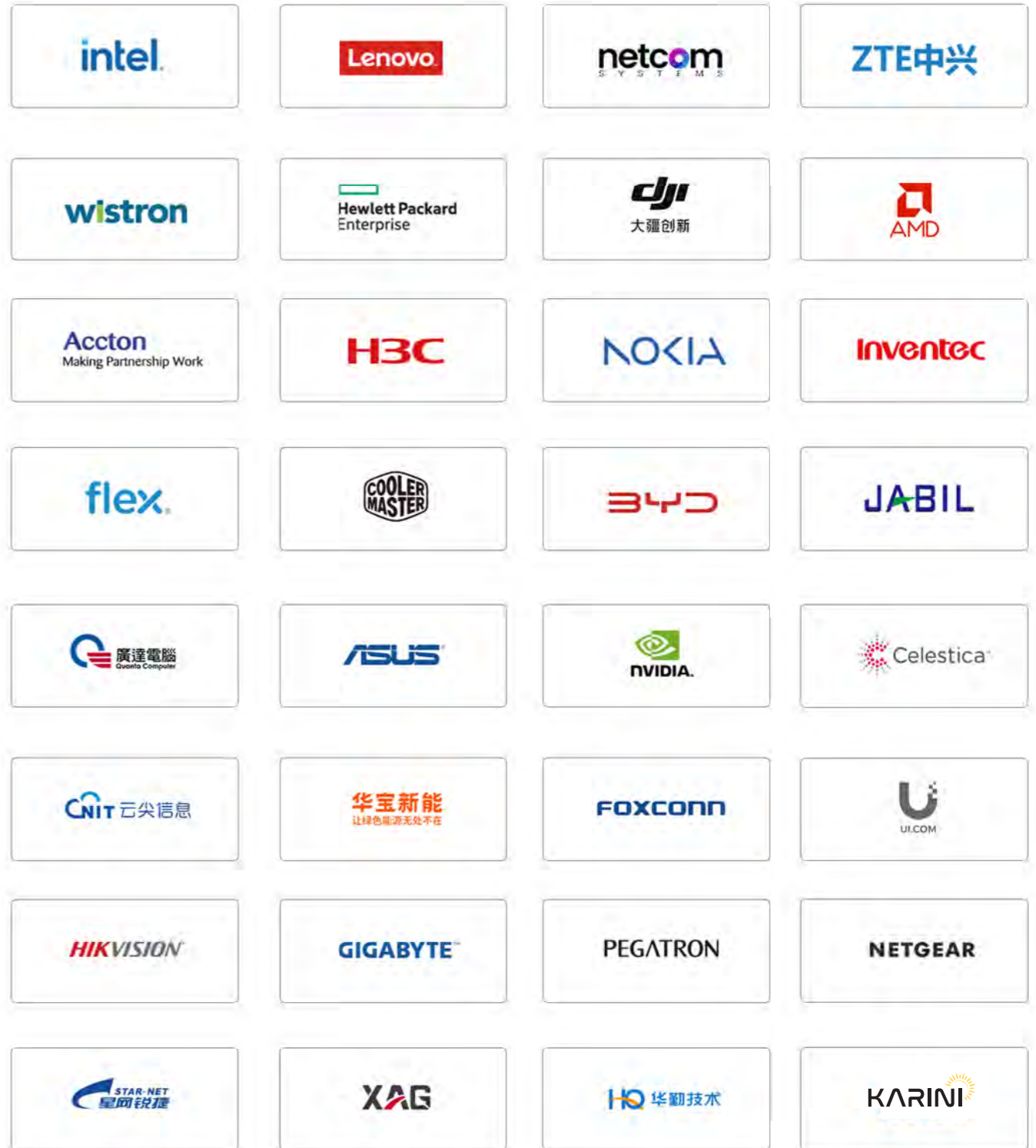
Shenzhen, Taiwan, Malaysia

- 2000+m²

Test Laboratory



PARTNERS



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



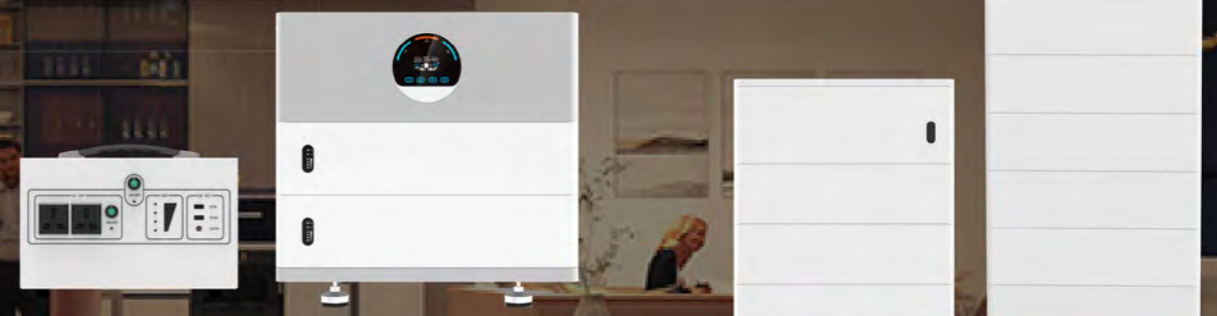
OFF GRID INVERTER



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

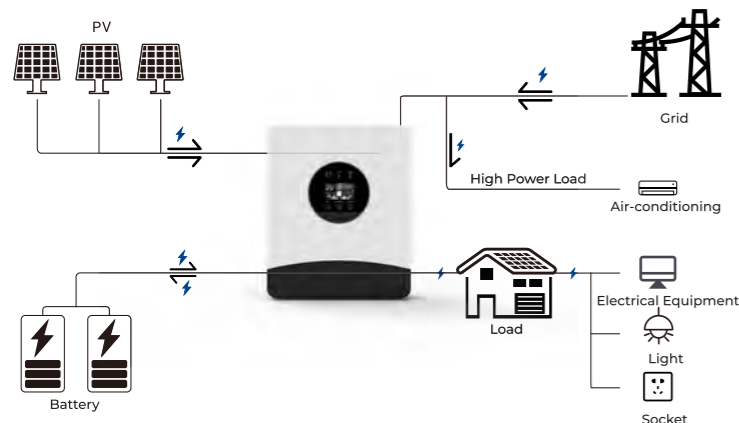


IP21

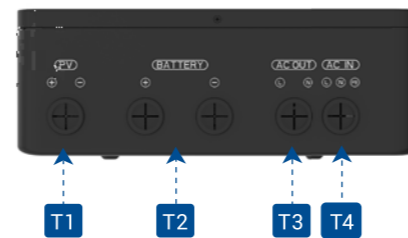
IP21 Design
Pure Sine Wave
Support LFP & SLA Battery
2 Years Warranty

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-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-3KL1/4KL1/6KL1/12KL1



3-12kW



500V



230V



48V



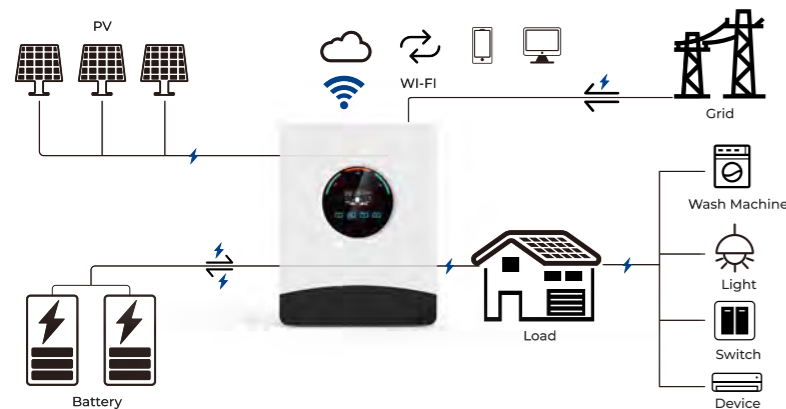
IP54



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-4KL1	GPEO-6KL1	GPEO-12KL1
PV(DC Input)				
Recommended max. PV input power	4500W	6000W	8000W	16000W
Max.input voltage(Voc)	500V	500V	500V	500V
MPPT operating voltage range	85V450V (@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	35A	37A/37A
Grid(AC Input)				
Max input power	4600W	6440W	11500W	20700W
Max input current	20A	28A	50A	90A
Rated grid voltage	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	210A/230A
Back-up Output (AC Output)				
Rated output power	3000W/3600VA	4000W/4000VA	6000W/6000VA	12000W/12000VA (Twin output)
Rated output current	15.6A	18.2A	27.3A	54.5A
Rated output voltage	220/230/240Vac 50/60Hz			
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Surge power	7200VA 2s	8000VA 5S	12000VA 5S	24000VA 5S
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. 6 units Three-phase Max 12 units
THDv (@ linear load)	<3%	<3%	<3%	<3%
Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)			
Efficiency				
Peak efficiency	95%	95%	95%	95%
Max. MPPT efficiency	93%	93%	93%	92%
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	<10W
Installation type	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted
Cooling mode	Fan cooling	Fan cooling	Fan cooling	Fan cooling
Communication	RS232	RS232	RS232	RS232/RS485
Display	LCD	LCD	LCD	LCD
Mechanical Specifications				
Inverter dimensions (L*W*H)(mm)	395*315*105	445*347*120	445*347*120	630*525*125
Net weight (kg)	7.9	9.2	12.4	28.5
Carton dimensions (L*W*H)(mm)	495*385*165	560*465*240	560*465*240	715*620*210
Gross weight (kg)	9	11.4	14.6	32
Warranty Period	3Years	3 Years	3 Years	3 Years

OFF GRID INVERTER

GPEO Series EU Single Phase

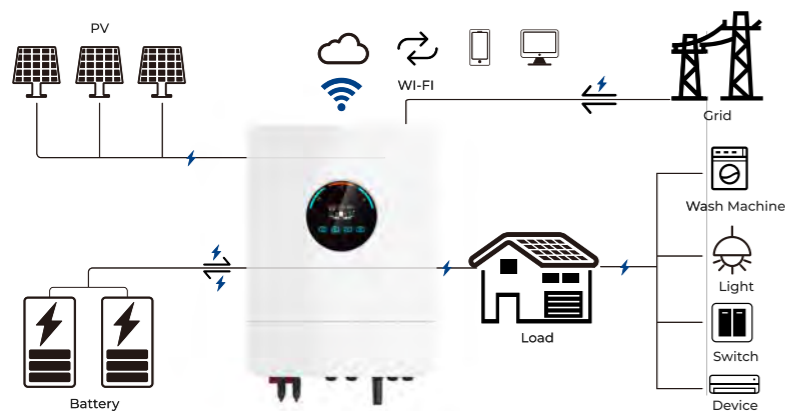
GPEO-4KL1 PRO-1/06KL1 PRO-1
GPEO-08KL1-1/08KL1-2

- 4-8kW
- 500V
- 230V
- 48V
- IP54/IP65

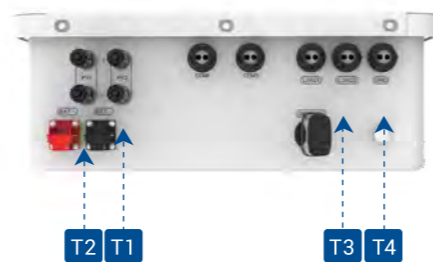
Twin PV Input
Twin AC Output
IP54/IP65 Design
3/5 Years Warranty
Max. 12 Units Parallel
Wide MPPT Operating Range
Built-In BMS Communication

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-04KL1 PRO-1	GPEO-06KL1 PRO-1	GPEO-08KL1-1	GPEO-08KL1-2
PV(DC Input)				
Recommended max. PV input power	6000W	8000W	16000W	16000W
Max.input voltage(Voc)	500V	500V	500V	500V
MPPT operating voltage range	85V-450V (@85V start up)			
Number of MPPT	1	1	2	2
Max. number of input strings per MPPT	1	2	2	2
Max. input current per MPPT	15A	27A	27/27A(MAX:54A)	27/27A(MAX:54A)
Max. short-circuit current per MPPT	18A	35A	32A/32A	32A/32A
Grid(AC Input)				
Max input power	6440W	11500W	14950W	14950W
Max input current	28A	50A	65A	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	40~60Vdc	40~60Vdc	40~60Vdc
Rated Battery Voltage	24Vdc	48Vdc	48Vdc	48Vdc
Max. charge/discharge current	120A/160A	120A/130A	160A/180A	160A/180A
BMS communication mode	RS485	RS485	RS485	RS485
Back-up Output (AC Output)				
Rated output power	4000W/4000VA (Twin output)	6000W/6000VA (Twin output)	8000W/8000VA (Twin output)	8000W/8000VA (Twin output)
Rated output current	18.2A	27.3A	36.4A	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. 9 units; Three-phase Max. 12 units	Single-phase Max. 9 units; Three-phase Max. 12 units
Surge power	8000VA 5s	12000VA 5s	16000VA 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%	98%	98%	98%
Max. MPPT efficiency	99%	99%	99%	99%
Protection				
Inner protection	√Output short-circuit protection √Output overvoltage protection			
Surge protection	PV: Type III, AC: Type III			
IP rating	IP54	IP54	IP54	IP65
General Parameters				
Operating temperature range	-10°C~ 50°C	-10°C~ 50°C	-10°C~ 50°C	-10°C~ 50°C
Relative humidity range	5%~95%	5%~95%	5%~95%	5%~95%
Max. operating altitude	>2000m derating	>2000m derating	>2000m derating	>2000m derating
Standby self-consumption	<10W	<10W	<10W	<10W
Installation type	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted
Cooling mode	Fan cooling	Fan cooling	Fan cooling	Smart cooling
Communication	RS232/RS485/Dry contact/WI-FI			
Display	LCD	LCD	LCD	LCD
Mechanical Specifications				
Inverter dimensions (L*W*H)(mm)	445*347*120	445*347*120	520*420*125	598.8*454*217.2
Net weight (kg)	9.2	12.4	17.5	20.5
Carton dimensions (L*W*H)(mm)	560*465*240	560*465*240	590*490*205	756*555*313
Gross weight (kg)	77.4	14.6	19.45	22.8
Warranty Period	3 Years	3 Years	3 Years	5 Years

All In One Home Energy System

GPSO Series



3KW/2.56kwh

3.5KW/5KW/5.12kwh

10KW/10.24kwh



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



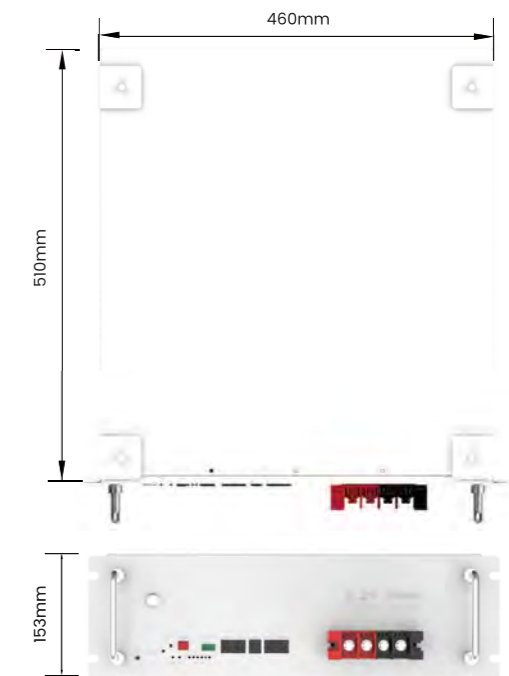
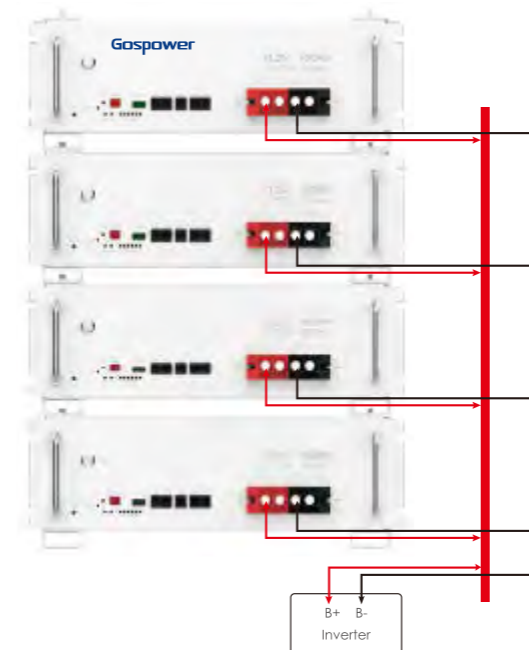
IP20



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

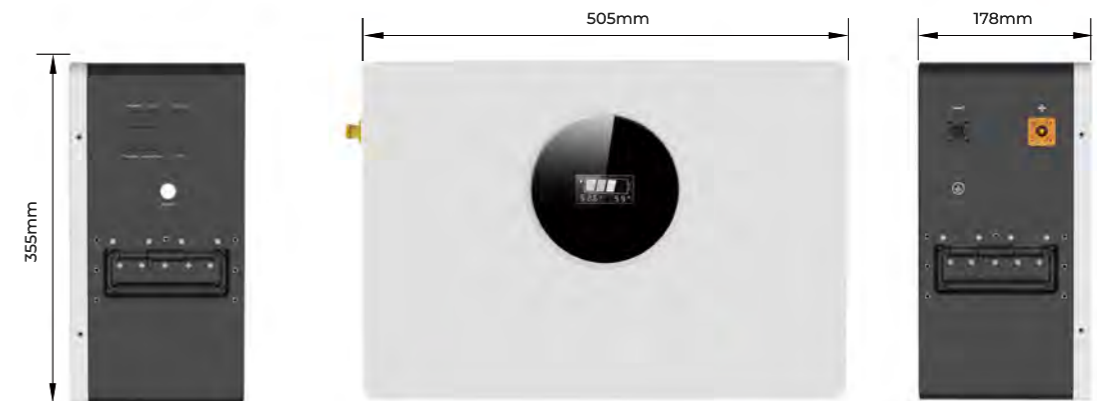


IP20



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



6000+

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



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



Wireless WIFI Distribution Network

OFF GRID INVERTER MONITORING APP

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

CONTACTS

Shenzhen Headquarter

Dongguan factory

Nigeria Office

Myanmar Office

Lebanon Office

Latin America

Germany Office

Brazil Office

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




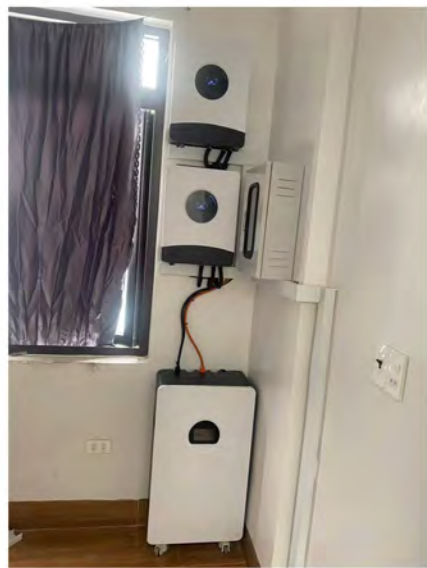
 15KWH System In Vietnam



 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