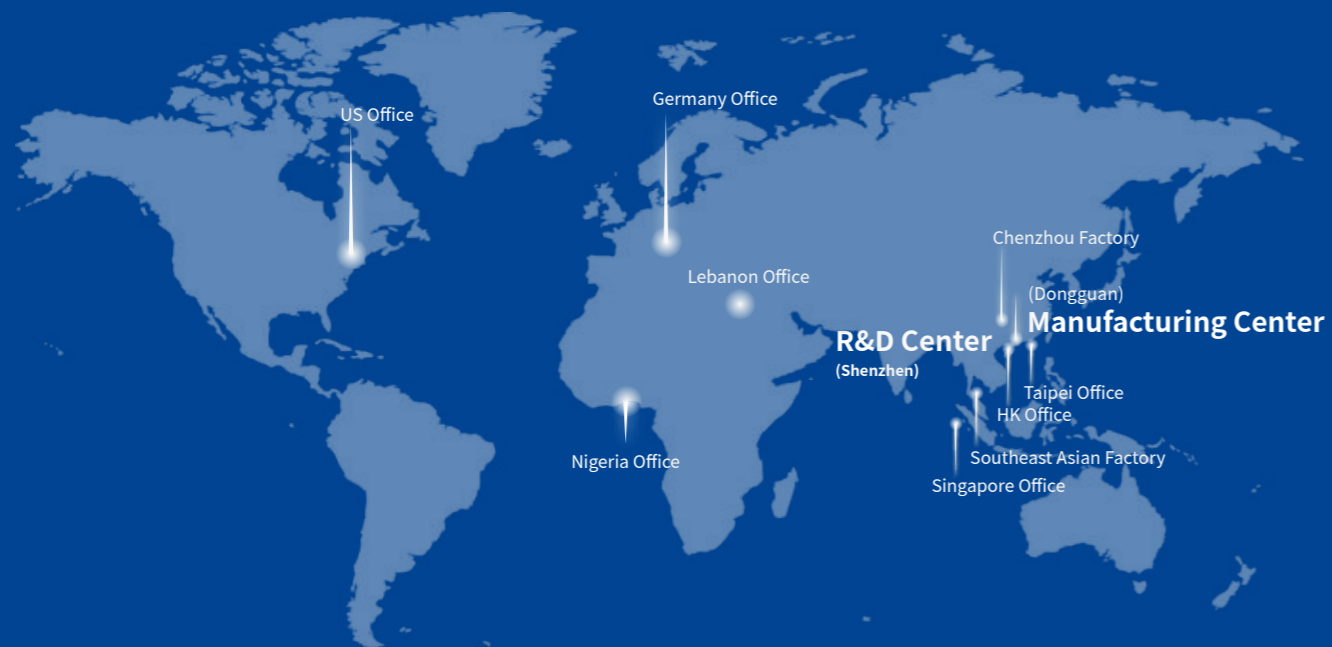


# POWERING THE FUTURE WITH GOSPOWER



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GOSPOWER ELECTRIC TECHNOLOGY LIMITED.

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Ver: 2411



## PRODUCT CATALOG

### New Energy Application

- HYBRID INVERTER
- BATTERY PACK
- OFF GRID INVERTER
- MICRO INVERTER

# GOSPOWER PROFILE



Gospower is a leading Energy & Electric company founded in 2006. With 17 years of experience, we provide energy storage battery, hybrid and off-grid inverters and power supply products.

Headquartered in Shenzhen, Gospower has a factory in Dongguan Songshan Lake Industrial Park of 80,000 sqm, more than 1100 employees.

With 300+ R&D solid experienced engineers, Gospower has become a trusted partner across China and worldwide. All solar energy and power products are developed by Gospower, with patents and certificates passed.

Gospower is driven by a mission providing smart energy solutions for low-carbon society. Through technical innovation and satisfied service, we have been distributing solar energy and digital power to sustainable future.

**TOP8**  
Global Shipments

**80000m<sup>2</sup>**  
Modern Industrial Park

**300+**  
Engineers

**100+**  
Patents

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# Products Portfolio



**Off-grid Inverter**  
GPEO Series EU Single Phase



**Off-grid Inverter**  
GPEO Series US Split Phase



**Hybrid Inverter**  
GPEX Series EU Single Phase



**Hybrid Inverter**  
GPEX Series EU Three Phase



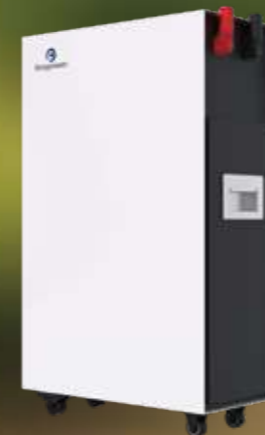
**Hybrid Inverter**  
GPEX Series US Split Phase



**LiFePO<sub>4</sub> Battery**  
Wall mounted 10kWh



**LiFePO<sub>4</sub> Stacked Battery**  
GPSB-48100H



**LiFePO<sub>4</sub> Battery**  
Wheeled 48V 300Ah






**LiFePO<sub>4</sub> Battery**  
Wheeled 48V 200Ah



**Micro Inverter**  
GPMS-3250B Battery

# OFF GRID INVERTER GPEO Series EU Single Phase

1K8L1-M/3K6L1-M

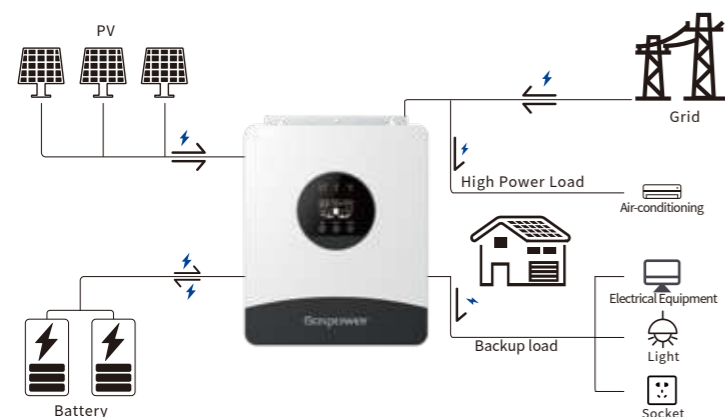
-   
1.8-3.6KVA
-   
100/145V
-   
230V
-   
12/24V
-   
IP21



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

CE EN 62109-1 EN 62109-2 IEC 61000

## HOUSE ENERGY SYSTEM (OFF GRID)



## CONNECTOR



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

		GPEO-1K8L1-M	GPEO-3K6L1-M
PV (DC Input)	Recommended max. PV input power	650W	1500W
	Max. input voltage(Voc)	100V	145V
	MPPT operating voltage range	15V-80V (@+6V start up )	30V-120V (@30V start up)
	Number of MPPT	1	1
	Max. number of input strings per MPPT	1	1
	Max. input current per MPPT	20A	25A
Grid (AC Input)	Max. short-circuit current per MPPT	25A	27A
	Max output power	2300W	4000W
	Max output current	10A	17.4A
	Rated grid voltage	220/230/240Vac(L,N,PE)	220/230/240Vac(L,N,PE)
Battery parameters (Bidirection)	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 type	Lead-acid	LiFePO <sub>4</sub> /Lead-acid
	Battery voltage range	10V~14.5V	20-30V
	Rate Battery Voltage	12Vdc	24Vdc
Back-up Output (AC Output)	Max. charge/discharge current	100A/150A	120A/180A
	BMS communication mode	RS232	RS232/RS485
	Rated output power	1500W/1800VA	3000W/3600VA
	Rated output current	7.8A	15.6A
	Rated output voltage	220/230/240Vac(L,N,PE)	220/230/240Vac(L,N,PE)
	Frequency	50/60Hz	50/60Hz
	Surge power	3600VA 2s	7200VA 2s
Efficiency	THDv (@ linear load)	<3%	<3%
	Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)	
Protection	Peak efficiency	95%	95%
	Max. MPPT efficiency	93%	92%
	Inner protection	✓ Output short-circuit protection    ✓ Output overvoltage protection	
General Parameters	Surge protection	PV: Type III, AC: Type III	
	IP rating	IP21	
	Operating temperature range	-10°C ~ 50°C	
Mechanical Specifications	Relative humidity range	5%~95%	10%~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
	Inverter dimensions (L*W*H) (mm)	350*290*105	350*290*105
Net weight (kg)	5.55	6	
Warranty Period	Carton dimensions (L*W*H) (mm)	495*385*165	495*385*165
	Gross weight (kg)	6.5	7
		2 Years	

# OFF GRID INVERTER GPEO Series EU Single Phase

3K6L1/6KL1/11KL1

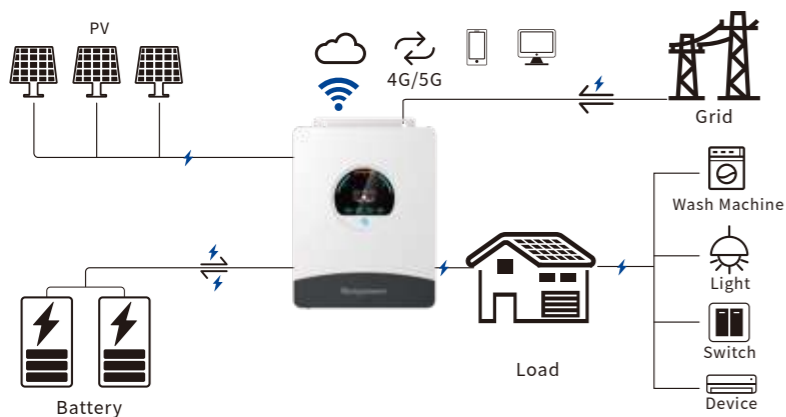
-   
3.6-11Kw
-   
500V
-   
230V
-   
48V
-   
IP54



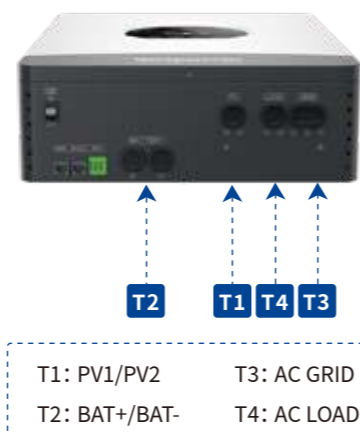
**IP54 Design**  
**Pure Sine Wave**  
**Wide MPPT Operating Range**  
**Built-In BMS Communication**  
**Max. 12 Units Parallel**  
**3 Years Warranty**

**CE** EN 62109-1 EN 62109-2 IEC 61000

## HOUSE ENERGY SYSTEM (OFF GRID)



## CONNECTOR



		GPEO-3K6L1	GPEO-6KL1	GPEO-11KL1
PV (DC Input)	Recommended max. PV input power	4000W	6000W	11000W
	Max. input voltage(Voc)	500V	500V	500V
	MPPT operating voltage range	85V-450V (@85V start up)	85V-450V (@75V start up)	85V-450V (@75V start up)
	Number of MPPT	1	1	2
	Max. number of input strings per MPPT	1	1	1
	Max. input current per MPPT	15A	27A	27/13(MAX:40A)
Grid (AC Input)	Max. short-circuit current per MPPT	18A	35A	37A/17.5A
	Max output power	5000W	11500W	16000W
	Max output current	22A	50A	70A
	Rated grid voltage	220/230/240Vac	220/230/240Vac	220/230/240Vac
	Rated grid frequency	50/60Hz	50/60Hz	50/60Hz
Battery Parameters (Bidirection)	Acceptable range	170-280Vac (For UPS) ; 90-280Vac (For Home Appliances)	170-280Vac (For UPS) ; 90-280Vac (For Home Appliances)	170-280Vac (For UPS) ; 90-280Vac (For Home Appliances)
	Battery type	LiFePO <sub>4</sub> /Lead-acid	LiFePO <sub>4</sub> /Lead-acid	LiFePO <sub>4</sub> /Lead-acid
	Battery voltage range	20~30Vdc	40~60Vdc	40~60Vdc
	Rate Battery Voltage	24Vdc	48Vdc	48Vdc
	Max. charge/discharge current	120A/135A	120A/130A	210A/240A
Back-up Output (AC Output)	BMS communication mode	RS485	RS485	RS485
	Rated output power	3600W/3600VA	6000W/6000VA	11000W/11000VA
	Rated output current	16.4A	27.3A	54.5A
	Rated output voltage / Frequency	220/230/240Vac 50/60Hz	220/230/240Vac 50/60Hz	220/230/240Vac 50/60Hz
	Parallel Capacity	-	Max. 12 Units	Max. 12 Units
	Surge power	7200VA 5s	12000VA 5s	22000VA 5s
	THDv (@ linear load)	<3%	<3%	<3%
Efficiency	Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)		
	Peak efficiency	95.00%	98.00%	98.00%
Protection	Max. MPPT efficiency	99.90%	99.90%	99.90%
	Inner protection	✓ Output short-circuit protection    ✓ Output overvoltage protection		
	Surge protection	PV: Type III, AC: Type III		
General Parameters	IP rating	IP54		
	Operating temperature range	-10°C ~ 55°C		
	Relative humidity range	5%-95%	5%-95%	5%-95%
	Max. operating altitude	>2000m derating	>2000m derating	>2000m derating
	Standby self-consumption	<10W	<10W	<20W
Mechanical Specifications	Installation type	Wall-mounted	Wall-mounted	Wall-mounted
	Cooling mode	Fan cooling	Fan cooling	Fan cooling
	Communication	RS232/RS485/Dry contact/WI-FI	RS232/RS485/Dry contact/WI-FI	RS232/RS485/Dry contact/WI-FI
	Display	LCD	LCD	LCD
Mechanical Specifications	Inverter dimensions (L*W*H) (mm)	444.7*346.6*120	444.7*346.6*120	630*535*125
	Net weight (kg)	9.2	12.4	25
	Shipping dimensions (L*W*H) (mm)	560*465*240	560*465*240	745*650*240
	Gross weight (kg)	11.4	14.6	27.2
Warranty Period	3 Years			

# OFF GRID INVERTER GPEO Series US Single/Split Phase

3KL1-US/6KL2-US/11KL2-US

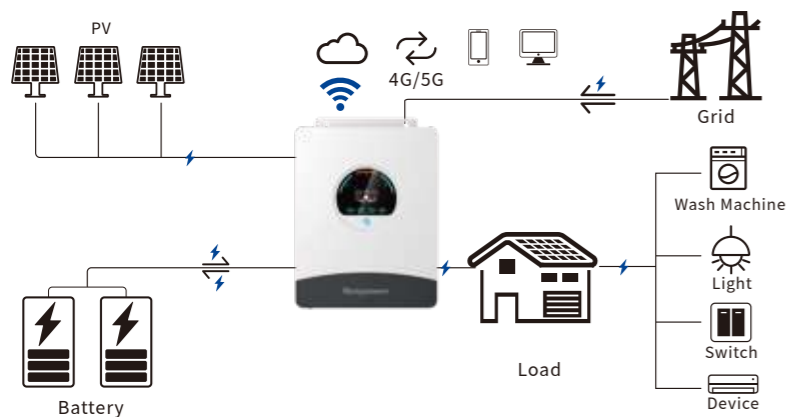
-   
3-11Kw
-   
500V
-   
120/240V
-   
48V
-   
IP54



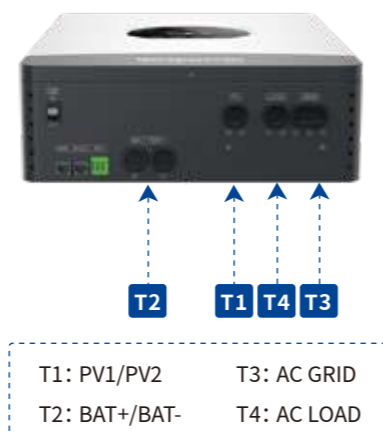
**IP54 Design**  
**Pure Sine Wave**  
**Wide MPPT Operating Range**  
**Built-In BMS Communication**  
**Max. 12 Units Parallel**  
**3 Years Warranty**

**CE** EN 62109-1 EN 62109-2 IEC 61000

## HOUSE ENERGY SYSTEM (OFF GRID)



## CONNECTOR



		GPEO-3KL1-US	GPEO-6KL2-US	GPEO-11KL2-US
PV (DC Input)	Recommended max. PV input power	4000W	6000W	11000W
	Max. input voltage(Voc)	500V	500V	500V
	MPPT operating voltage range	85V-450V (@75V start up)	85V-450V (@75V start up)	85V-450V (@75V start up)
	Number of MPPT	1	1	2
	Max. number of input strings per MPPT	1	1	1
	Max. input current per MPPT	15A	27A	27/13(MAX:40A)
Grid (AC Input)	Max. short-circuit current per MPPT	18A	35A	37A/17.5A
	Max output power	4500W	12000W	24000W
	Max output current	37.5A	50A	100A
	Rated grid voltage	110/120/127Vac (L,N)	120/240Vac(L1,L2,N)	120/240Vac(L1,L2,N)
	Rated grid frequency	50/60Hz	50/60Hz	50/60Hz
Battery Parameters (Bidirection)	Acceptable range	90-140Vac (For UPS) ; 80-140Vac (For Home Appliances)	90-140Vac (For UPS) ; 80-140Vac (For Home Appliances)	90-140Vac (For UPS) ; 80-140Vac (For Home Appliances)
	Battery type	LiFePO4/Lead-acid	LiFePO4/Lead-acid	LiFePO4/Lead-acid
	Battery voltage range	40-60Vdc	40-60Vdc	40-60Vdc
	Rate Battery Voltage	48Vdc	48Vdc	48Vdc
	Max. charge/discharge current	60A/65A	120A/130A	210A/240A
Back-up Output (AC Output)	BMS communication mode	RS485	RS485	RS485
	Rated output power	3000W/3000VA	6000W/6000VA	11000W/11000VA
	Rated output current	25.0A	25.0A	45.8A
	Rated output voltage / Frequency	110/120/127V (L,N) 50/60Hz	120/240V (L1,L2,N) 50/60Hz	120/240V (L1,L2,N) 50/60Hz
	Parallel Capacity	Max. 12 Units	Max. 12 Units	Max. 12 Units
	Surge power	6000VA 5s	12000VA 5s	22000VA 5s
	THDv (@ linear load)	<3%	<3%	<3%
Efficiency	Switching time	10ms typical (For UPS) 20ms typical (For Home Appliances)		
	Peak efficiency	98.00%	98.00%	98.00%
Protection	Max. MPPT efficiency	99.90%	99.90%	99.90%
	Inner protection	✓ Output short-circuit protection    ✓ Output overvoltage protection		
	Surge protection	PV: Type III, AC: Type III		
General Parameters	IP rating	IP54		
	Operating temperature range	-10°C ~ 55°C		
	Relative humidity range	5%-95%	5%-95%	5%-95%
	Max. operating altitude	>2000m derating	>2000m derating	>2000m derating
	Standby self-consumption	<10W	<10W	<20W
Mechanical Specifications	Installation type	Wall-mounted	Wall-mounted	Wall-mounted
	Cooling mode	Fan cooling	Fan cooling	Fan cooling
	Communication	RS232/RS485/Dry contact/WI-FI	RS232/RS485/Dry contact/WI-FI	RS232/RS485/Dry contact/WI-FI
	Display	LCD	LCD	LCD
	Inverter dimensions (L*W*H) (mm)	444.7*346.6*120	444.7*346.6*120	630*535*125
Warranty	Net weight (kg)	12	15	25
	Shipping dimensions (L*W*H) (mm)	560*465*240	560*465*240	745*650*240
	Gross weight (kg)	14	17	28
	Warranty	3 Years		

# HYBRID INVERTER GPEX Series EU Single Phase

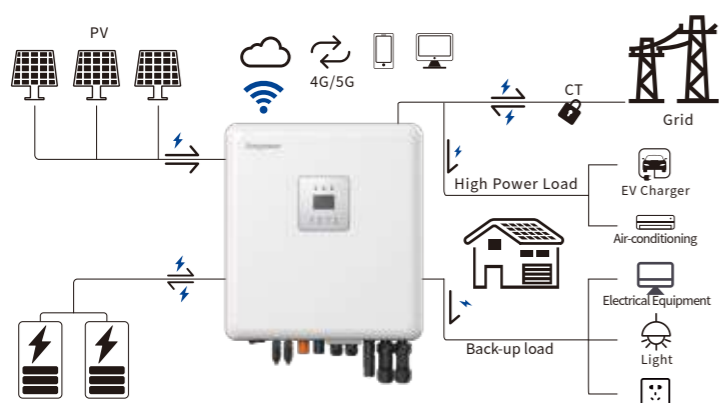
3K6L1/5KL1/6KL1



IP65 Design, Natural Cooling  
Support LFP & SLA Battery  
Max.6 Units Parallel  
5/10/15 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



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

		GPEX-3K6L1	GPEX-5KL1	GPEX-6KL1
PV (DC Input)	Recommended max. PV input power	4800W	8000W	8000W
	Max. input voltage(Voc)	600V	600V	600V
	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 output power	3600W	5000W	6000W
	Rated output 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 & LiFePO <sub>4</sub>	SLA & LiFePO <sub>4</sub>	SLA & LiFePO <sub>4</sub>
	Battery voltage range	40-60V	40-60V	40-60V
	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	5000W	6000W
	Rated output current	15.7A	21.7A	26.1A
	Rated output voltage	230V (L,N,PE) 50/60Hz	230V (L,N,PE) 50/60Hz	230V (L,N,PE) 50/60Hz
	Surge power	3960VA	5500VA	6600VA
	THDv (@ linear load)	<3%	<3%	<3%
	Switching time	<10ms	<10ms	<10ms
Efficiency	Max. MPPT efficiency	99.90%	99.90%	99.90%
	Max. efficiency	97.20%	98.00%	98.00%
	European efficiency	96.40%	97.10%	97.10%
	Battery charging/discharging efficiency	94.00%	94.00%	94.00%
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		
General parameters	IP rating	IP65	IP65	IP65
	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
Mechanical Specifications	Communication	Wi-Fi; R485; CAN; GPRS	Wi-Fi; R485; CAN; GPRS	Wi-Fi; R485; CAN; GPRS
	Display	LCD;APP	LCD;APP	LCD;APP
	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
Mechanical Specifications	Carton dimensions (L*W*H) (mm)	715*565*331	715*565*331	715*565*331
	Gross weight (kg)	31.5	34.5	34.5
	Warranty	5 Years Standard (10/15 Years Optional)		

# HYBRID INVERTER GPEX Series EU Three Phase

10KH3/12KH3/15KH3

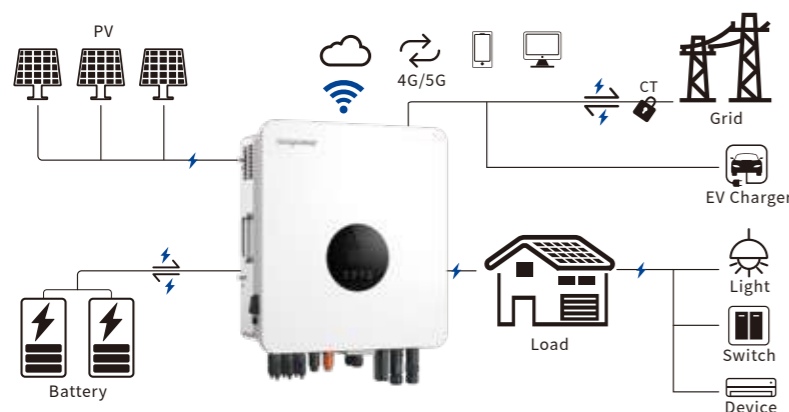
-   
10-15kW
-   
850V
-   
400V
-   
160-800V
-   
IP65



IP65 Design, Smart Cooling  
Support Stackable Battery  
Built-In BMS Communication  
5/10/15 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



T1: PV1/PV2/PV3 T3: AC GRID  
T2: BAT+/BAT- T4: AC LOAD

		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 output power	10000W	12000W	15000W
	Rated output 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	12000W	15000W
	Rated output current	14.5A	17.4A	21.7A
	Rated output 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
	Surge power	11000VA	13200VA	16500VA
	THDv (@ linear load)	<3%	<3%	<3%
Efficiency	Max. MPPT efficiency	99.90%	99.90%	99.90%
	Max. efficiency	98.00%	98.00%	98.00%
	European efficiency	97.50%	97.50%	97.50%
	Battery charging/discharging efficiency	97.00%	97.00%	97.00%
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	-20~60°C	-20~60°C	-20~60°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)	480*425*202	480*425*202	480*425*202
	Net weight (kg)	25	26	27
	Carton dimensions (L*W*H) (mm)	637*545*326	637*545*326	637*545*326
	Gross weight (kg)	29	30	31
	Warranty	5 Years Standard (10/15 Years Optional)		

# HYBRID INVERTER GPEX Series US Split Phase

8KH2/10KH2/12KH2/15KH2

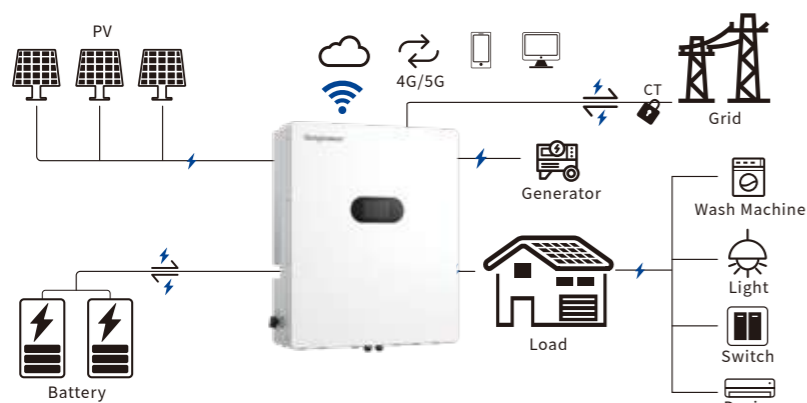
-   
8-15kW
-   
550V
-   
120/240V
-   
75-480V
-   
TYPE 4X



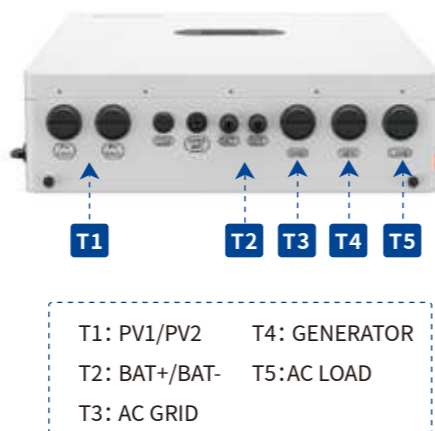
**TYPE 4X Design, Natural Cooling**  
**Support Stackable Battery**  
**Generator Port**  
**5/10/15 Years Warranty**

 **Grid Code** UL1741, UL1699B, IEEE1547.1-2020, FCC (part15 class B), AFI TYPE1

## HYBRID HOUSE ENERGY SYSTEM (ON/OFF GRID)



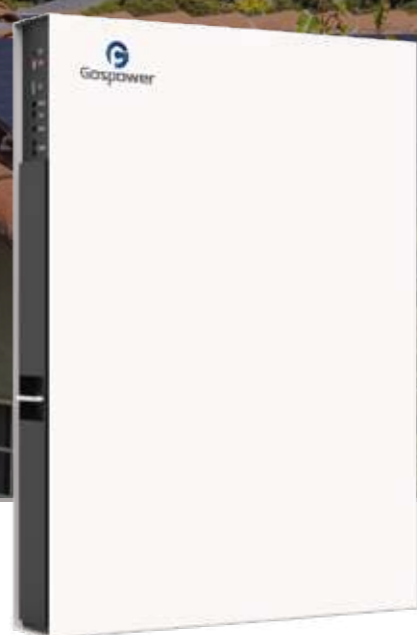
## CONNECTOR



		GPEX-8KH2	GPEX-10KH2	GPEX-12KH2	GPEX-15KH2
PV (DC Input)	Recommended max. PV input power	14.4kW	14.4kW	20kW	24kW
	Max. input voltage(Voc)	550V	550V	550V	550V
	MPPT operating voltage range	120-550V	120-550V	120-550V	120-550V
	No. of MPPT/Strings per MPPT	4/1	4/1	4/2	4/2
	Max input power per MPPT	3.6KW	3.6KW	5KW	6KW
	Max. input current per MPPT	15.5A	15.5A	27A	27A
	Max. short-circuit current per MPPT	20A	20A	40A	40A
On-grid (Bidirection)	Rated output power (Bidirection)	8kW	10kW	12kW	15kW
	Rated output current (Bidirection)	33.3A	41.6A	50A	62.5A
	Max. Continuous AC input power	20kW	20kW	20kW	20kW
	Max. Continuous AC input current	83.3A	83.3A	83.3A	83.3A
	THDi	<3%	<3%	<3%	<3%
	Rated grid voltage	120/240 V (L1, L2, N) 60Hz			
	Power factor	0.8leading...0.8lagging			
Battery Parameters (Bidirection)	Battery type	LiFePO <sub>4</sub>			
	Battery voltage range	75-480Vdc			
	Rated Battery Voltage	153.6Vdc	153.6Vdc	204.8Vdc	204.8Vdc
	Max. charge/discharge current	75A			
	BMS communication mode	CAN/485			
Back-up Output (AC Output)	Rated Output voltage(L-L)	120/240 V (L1, L2, N) 60Hz			
	Output power/current (L-L)	Rated: 8kW / 33.3A ; Max.: 19kW/79.2A (On Grid)	Rated: 10kW / 41.6A ; Max.: 19kW/79.2A (On Grid)	Rated: 12kW / 50A ; Max.: 19kW/79.2A (On Grid)	Rated: 15kW / 62.5A ; Max.: 19kW/79.2A (On Grid)
	Rated output voltage(L-N)	120 V (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%	97.00%	97.00%	97.00%
	Max. MPPT efficiency	99.90%	99.90%	99.90%	99.90%
	Battery charging/discharging efficiency	96.00%	96.00%	96.00%	96.00%
Protection	Inner protection	✓ DC switch ✓ PV reverse connection protection ✓ Battery reverse connection protection ✓ Output short-circuit protection ✓ Output overvoltage protection ✓ ARC protection ✓ Insulation impedance detection ✓ Residual current detection ✓ Anti-island protection			
	Surge protection	PV: Type III, AC: Type III			
	Enclosure Type	Type 4X			
General Parameters	Operating temperature range	-22°F~+140°F (No derating below 113° F)			
	Switching time	10ms typical (On grid/off grid switch)			
	Relative humidity range	>3000m derating			
	Cooling mode	Natural cooling			
	Communication	WIFI/BLUETOOTH	WIFI/BLUETOOTH	WIFI/BLUETOOTH	WIFI/BLUETOOTH
Mechanical Specifications	Inverter dimensions (L*W*H) (mm)	840*680*200	840*680*200	840*680*200	840*680*200
	Net weight (kg)	55	55	55	55
	Shipping dimensions (L*W*H) (mm)	1075*895*365	1075*895*365	1075*895*365	1075*895*365
	Gross weight (kg)	65	65	65	65
	Warranty Period	5 Years Standard (10/15 Years Optional)			

# 48V 16S LiFePO<sub>4</sub> BATTERY Wall-Mounted 10kWh

- 51.2V
- 7.68kW
- 10.24kWh
- IP20



Ultra-thin  
Smart Connection  
High Density  
10 Years Warranty

CE UN38.3 MSDS IEC62619

Energy Solution

## Up to 160kWh

Maximum 16 unit parallel  
Automatic address allocation, parallel easier



## ENERGY STORAGE BATTERY

**GPLB-48200M**  
Wall mounted 48V 200Ah

### » Key Features

- Plug-in terminal design, fast installation available
- Under voltage automatically restart, fault alarm
- Remote software upgrade, easy maintenance
- High power charging/discharging @ 6000 cycles
- Standard protocols & user-defined protocols

### » Package Info



**Product Size**  
830\*600\*141mm





**Packing Size**  
890\*680\*356mm

**Gross weight**  
76kg

### » Specifications

GPLB-48200M (G1655)	
Nominal Energy (kWh)	10.24
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	200
IP Rating	IP 20
Output Power (kW)	7.68
Voltage Range (V)	44.8~58.4
Charge Voltage (V)	55.2~58.4
Charge Current (A)	100
Discharge Current (A)	150
Charge Mode	CC-CV
Communication	CAN/ RS485/ RS232/ Dry Contact
Charge Temperature	0 - 55 °C
Discharge Temperature	-20 - 60 °C
Designed Life	10+ Years
Cycle Life	> 6000 (@25°C , 80% DOD)
Weight (kg)	76

# 48V 16S LiFePO<sub>4</sub> BATTERY Wheeled 15kWh

-   
51.2V
-   
7.68kW
-   
15.36kWh
-   
IP20



**Moveable  
Smart Connection  
High Capacity  
10 Years Warranty**

**CE UN38.3 MSDS IEC62619**

**Energy Solution**

## Up to 240kWh

Maximum 16 unit parallel  
Automatic address allocation, parallel easier



## ENERGY STORAGE BATTERY

**GPLB-48300W**  
Wheeled 48V 300Ah

### » Key Features

- Plug-in terminal design, fast installation available
- Under voltage automatically restart, fault alarm
- Remote software upgrade, easy maintenance
- High power charging/discharging @ 6000 cycles
- Standard protocols & user-defined protocols

### » Package Info







- Product Size**  
770\*500\*250mm
- Packing Size**  
910\*560\*445mm
- Gross weight**  
123kg

### » Specifications

GPLB-48300W (G1656)	
Nominal Energy (kWh)	15.36
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	300
IP Rating	IP 20
Output Power (kW)	7.68
Voltage Range (V)	44.8~58.4
Charge Voltage (V)	55.2~58.4
Charge Current (A)	100
Discharge Current (A)	150
Charge Mode	CC-CV
Communication	CAN/ RS485/ RS232/ Dry Contact
Charge Temperature	0 - 55 °C
Discharge Temperature	-20 - 60 °C
Designed Life	10+ Years
Cycle Life	> 6000 (@25°C , 80% DOD)
Weight (kg)	123

# 48V 16S LiFePO<sub>4</sub> BATTERY Wheeled 10kWh

-   
51.2V
-   
7.68kW
-   
10.24kWh
-   
IP20



Moveable  
Smart Connection  
High Capacity  
10 Years Warranty

CE UN38.3 MSDS IEC62619

Energy Solution

## Up to 160kWh

Maximum 16 unit parallel  
Automatic address allocation, parallel easier



## ENERGY STORAGE BATTERY

**GPLB-48200W**  
Wheeled 48V 200Ah

### » Key Features

- Plug-in terminal design, fast installation available
- Under voltage automatically restart, fault alarm
- Remote software upgrade, easy maintenance
- High power charging/discharging @ 6000 cycles
- Standard protocols & user-defined protocols

### » Package Info



- Product Size**  
750\*485\*194mm
- Packing Size**  
930\*565\*400mm
- Gross weight**  
107kg

### » Specifications

GPLB-48200W (Customized)	
Nominal Energy (kWh)	10.24
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	200
IP Rating	IP 20
Output Power (kW)	7.68
Voltage Range (V)	44.8~58.4
Charge Voltage (V)	55.2~58.4
Charge Current (A)	100
Discharge Current (A)	150
Charge Mode	CC-CV
Communication	CAN/ RS485/ RS232/ Dry Contact
Charge Temperature	0 - 55 °C
Discharge Temperature	-20 - 60 °C
Designed Life	10+ Years
Cycle Life	> 6000 (@25°C , 80% DOD)
Weight (kg)	92


# LiFePO<sub>4</sub> STACKED BATTERY

## 48V Series Boosting MAX. to 400Vdc

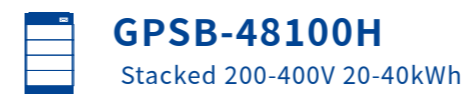


Support 2-8 Unit Stack  
IP65 Design  
1.0-1.6m Stack Height  
100-400Vdc Output



Single Module	GPSB-48100H	
 <b>GPSB-48100H (16S)</b>	Battery type	LiFePO <sub>4</sub>
	Nominal Energy (kWh)	5.12
	Nominal Capacity [Ah]	100
	Nominal Voltage [V]	51.2
	Voltage Range [V]	44.8~58.4
	Operation Temperature	-20°C~60°C
	Designed Life	10+ Years
	Cycle Life	More than 6000 Cycles @25°C 80%DOD
	Dimension(L*W*H) (mm)	600*390*158.5
	Weight (kg)	44





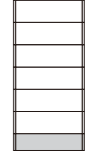
## ENERGY STORAGE BATTERY



### » Key Features

- Suitable for both off-grid and hybrid inverters, and protocol match well
- The fault diagnosis and isolating function for battery module protects the system
- Programmable charge and discharge control
- Elegant design, IP Rate: IP65, Plug and Play
- Design Life >10 years @25°C
- Remotely monitored by Bluetooth/Wifi/GSM system and managed by APP to check the battery working status
- Flexible and easy installation
- Multi-level software and hardware protection
- Cycles: More than 6000 cycle life with 80% DOD
- Certificates:CE, TUV, ROHS, UN38.3, IEC62619, MSDS

### » Stacked Solution

Parameters	GPSB-48100-4S	GPSB-48100-5S	GPSB-48100-6S	GPSB-48100-7S	GPSB-48100-8S
Battery module quantity					
Battery module energy (kWh)	20.48	25.60	30.72	35.84	40.96
Module Number	4	5	6	7	8
Rated Voltage (V)	204.8	256	307.2	358.4	409.6
Voltage Range (V)	179.2-230.4	224-288	268.8-345.6	313.6-403.2	358.4-460.8
Charge Current (A)	20	20	20	20	20
Max. Discharge Current (A)	75	75	75	75	75
Dimension:(W*D*H)	600*390*985	600*390*1138	600*390*1291	600*390*1444	600*390*1597
Weight (kg)	196	240	284	328	372
<b>Environment Parameter</b>					
Enclosure Protection Rating	IP65				
Charge Temperature Range (°C)	0°C~50°C				
Discharge Temperature Range (°C)	-20°C~55°C				
Installation Method	Floor-mount				
<b>Service Life</b>					
Cycle Life	> 6000 ( @25°C , 80% DOD )				
Design Life (Year)	10				
<b>Certification</b>					
Safety & Certification	CE, IEC62619, UL1973				
Transportation	UN38.3				

# MICRO INVERTER GPMS-3250B BATTERY

-   
60V
-   
800W
-   
60V
-   
1.6kWh



Plug & Play  
Portable

CE UN38.3 MSDS IEC50549-1



## PLUG & PLAY HOME ESS



### Battery GPMS-3250B

Portable 32V 50Ah

### » Key Features

- Compatible with 99% balcony solar system
- Massive 1.6kWh capacity per unit
- 8000 charging cycles
- Rated output power up to 800w
- Fast connection, 5 minutes' plug & play
- 15 years lifespan
- IP65 Water/Dust Resistant

### » Specifications

Datasheet	Battery GPMS-3250B
Input Ports	MC4 @ 2 Terminal
Solar Recharge Input	800W
Input Current	30A Max
Operating Voltage Range	20-60Vdc
<b>Output Data</b>	
Output Ports	MC4 @ 2 Terminal
Standard Rated Power Output	800W Max
Output Current	30A Max
Operating Voltage Range	20-60Vdc
<b>Mechanical Data</b>	
Capacity	1600Wh
Battery Type	LiFePO <sub>4</sub>
Communication	Bluetooth, 2.4GHz WLAN
Charge Temperature	0°C-50°C
Discharge Temperature	-20°C-55°C
Dimensions (L*W*H) (mm)	463*282*200
Net Weight (kg)	21
Ingress Protection	IP65

# FACTORY



Shenzhen R&D Center



Dongguan Manufacturing Center

MFG



1. PCB Test



2. SMT



3. Auto PlugIn



4. Welding



2. EMS Test



1. Aging Test



6. ATE Test



5. Conformal Coating



3. Conduction Pretest



4. High-low Temp. Test



5. Vibration Test



6. Final Inspection

Test

# CERTIFICATE

EN50549



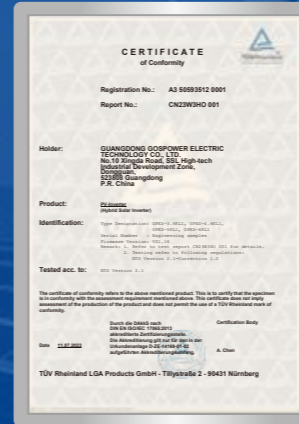
IEC62109



NRS



NTS



UN38.3



VDE



» Business partner



# PROJECT CASE



3 x Gospower 6kw Inverter  
1 x Gospower 15kWh Lithium Battery



1 x Gospower 6kw Inverter  
1 x Gospower 15kWh Lithium Battery



1 x Gospower 6kw Inverter  
1 x Gospower 15kWh Lithium Battery



6 x Gospower 6kw Inverter  
Three phase system



1 x 8kw Inverter  
2 x Gospower 15kWh Lithium Battery



3 x Gospower 6kw Inverter  
1 x 10kWh Lithium Battery



1 x Gospower 6kw Inverter  
1 x 15kWh Lithium Battery



4 x Gospower 6kw inverters  
3 x Gospower 15kwh lithium battery