

THE BEST FRIENDSHIP

SOOBAAJO

LA MEILLEURE AMITIÉ



SOLAR PANEL PRODUCT SET

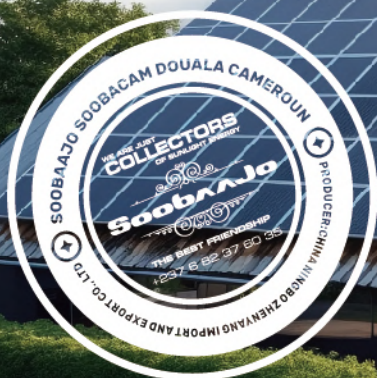


Patent product code

LITHIUM BATTERY LEAD-ACID BATTERY INVERTER PRODUCT SET

All products are developed
and produced by
SOOBAAJO's own factory!

SOCIÉTÉ SOOBAAJO IMPORT
EXPORT (SOOBACAM) SARL
TELEPHONE:
00237696526600



WE ARE JUST
COLLECTORS
OF SUNLIGHT ENERGY

THE BEST FRIENDSHIP

SoobAAJo

LA MEILLEURE AMITIÉ

我们只是阳光能量的收集者

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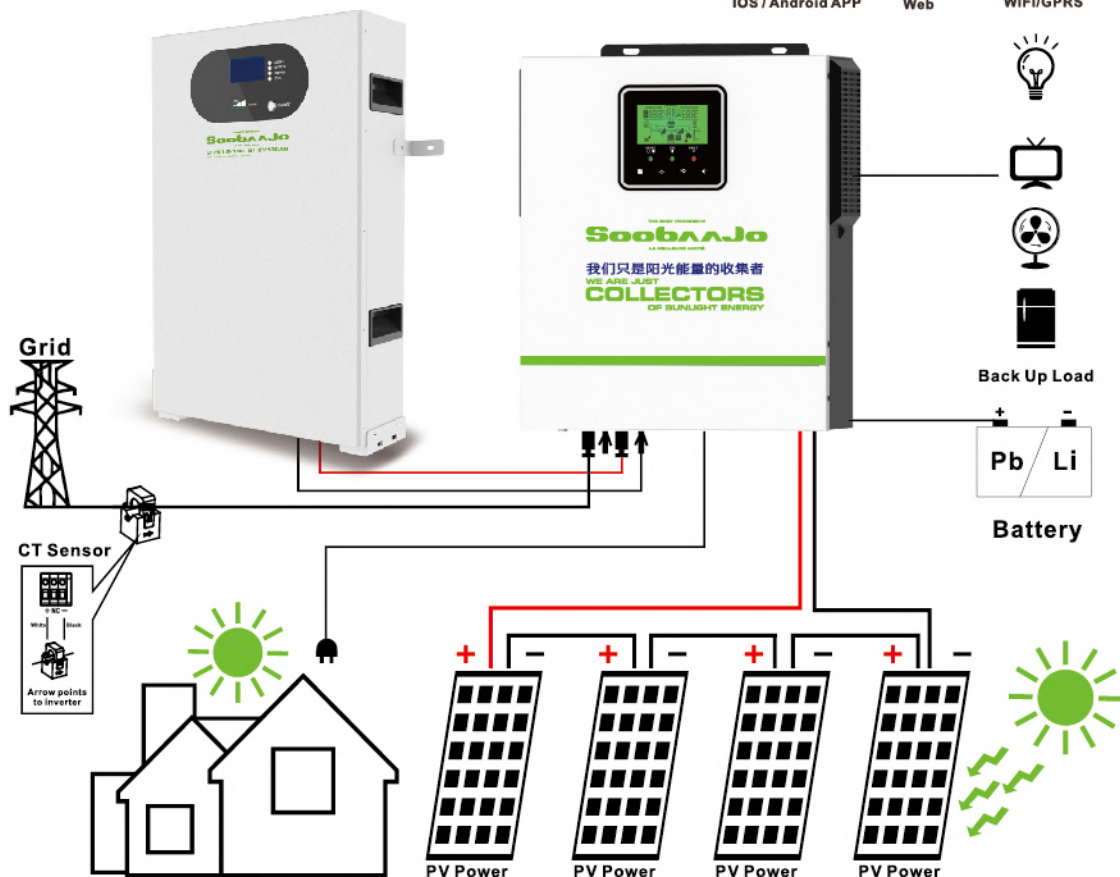
IOS / Android APP



Web



WiFi/GPRS



DEALER:SOOBAAJO COMPANY DOUALA CAMEROUN

Address: Douala-Akwa Rue Anciennement Sonel En face Intelcia

PRODUCER:CHINA NINGBO ZHENYANG IMPORT AND EXPORT CO., LTD

Address: Room 701, 7th Floor, Building 1, No. 5 Xingye 1st Road, Ningbo Free Trade Zone, Zhejiang Province

MANUFACTURER:CHINA YUYAO LIANSHENG PHOTOVOLTAIC TECHNOLOGY CO., LTD

Address: 51 Caojian Road, Cao'e Village, Xiaocao'e Town, Zhejiang Province

THE BEST FRIENDSHIP

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**1KW
220V/230VAC
OUTPUT**

EM Series (PV 60-500Vdc)



OFF GRID SOLAR INVERTER



»» Features

- Pure sine wave solar inverter
- Built-in 40A MPPT solar charger
- PV input voltage range 20~150VDC (for 1000W), 30~150VDC (for 1500W)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- meet rich customized demands
- Solar energy is provided directly to the load first

1KW 220V/230VAC OUTPUT

EM Series [PV 60-500Vdc]

Product Parameter

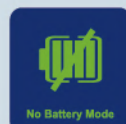
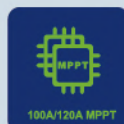
Rated Power	1000W/1000VA
AC INPUT	
Voltage	230VAC
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)
Frequency Range	50 Hz/60Hz(Auto sensing)
AC OUTPUT	
AC Voltage Regulation	±30VAC 5%
Surge Power	2000VA
Efficiency(Peak)PV to INV	98%
Efficiency(Peak)Battery to INV	94%
Transfer Time	10 ms
BATTERY	
Battery Voltage	12VDC
Floating Charge Voltage	13.5VDC
Overcharge Protection	16VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	600W
MPPT Range @ Operating Voltage	20~150VDC
Maximum PV Array Open Circuit Voltage Solar	150VDC
Maximum Solar Charging Current	40A
Maximum AC Charging Current	40A
Maximum Solar+AC Charging Current	80A
PHYSICAL	
Dimension, D*W*H(mm)	290*240*91
Cartoon Dimension, D*W*H(mm)	340*295*145
Net Weight(kgs)	3.5
Gross Weight(kgs)	4.0
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non~condensin
Operating Temperature	°10 C~50 C
STANDARD	
Compliance Safety	CE

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3.5KW 220V/230VAC OUTPUT EM Series (PV 60-500Vdc)

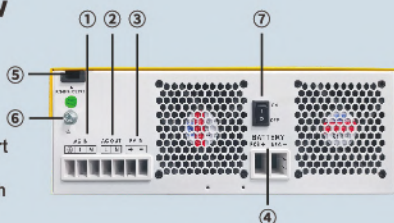
Features

- Lithium battery activation function by PV or Utility
- Compatible work with lifepo4 battery via Rs485
- Pure sine wave
- Power factor 1.0
- PV input Voltage 60Vdc-500Vdc
- Built-in MPPT 60A / 100A / 120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle

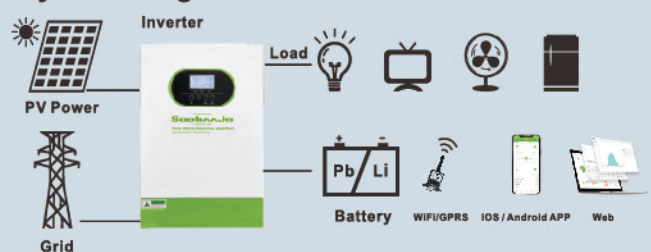


Bottom view

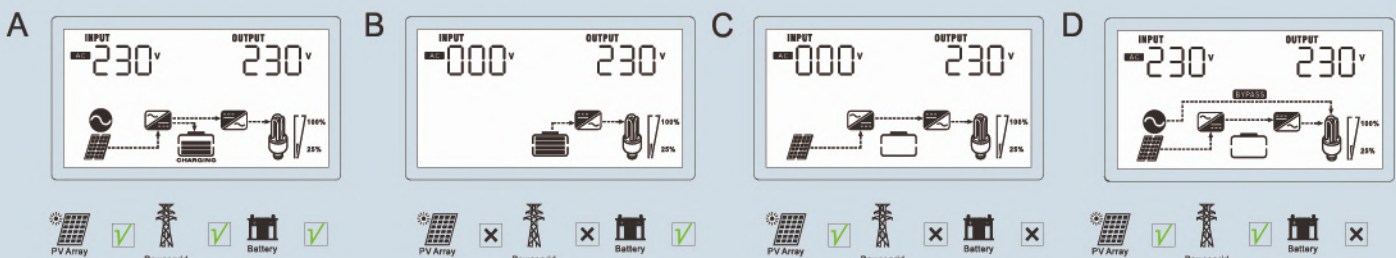
1. AC input
2. AC output
3. PV input
4. Battery input
5. RS232 / RS485 communication port
6. Grounding
7. Power on/off switch



System Diagram



Working Mode



* Please note that all specifications are changed without notice.

3.5KW 220V/230VAC OUTPUT

EM Series [PV 60-500Vdc]

Product Parameter

MODEL	EM3500-24L
Capacity	3.5KVA/3.5KW
Parallel Capability	NO
Lithium Battery activation	YES (By PV only)
Lithium Battery communication	YES(RS485)
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	7000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@ >= 150% load; 10s@110%~150% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
OverCharge Protection	33VDC
Charging Method	CC / CV
Lithium Battery Activation	YES (By PV)
Lithim battery Communication	YES(RS485)
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	4000W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	15A
Max.Solar Charge Current	100A
Max.AC Charge Current	80A
Max.Charge Current (PV+AC)	100A
PHYSICAL	
Dimensions,D x W x H(mm)	358*295*100
Package Dimensions,D x W x H(mm)	465*380*175
Net Weight(Kg)	7
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10°C to 50°C)
Storage Temperature	(-15°C ~ 50°C)
Humidity	5% to 95% Relative Humidity (Non-condensing)

Product specifications are subject to change without further notice.

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5.5KW 220V/230VAC OUTPUT EM Series (PV 60-500Vdc)

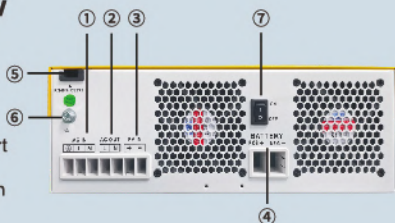
Features

- Lithium battery activation function by PV or Utility
- Compatible work with lifepo4 battery via Rs485
- Pure sine wave
- Power factor 1.0
- PV input Voltage 60Vdc-500Vdc
- Built-in MPPT 60A / 100A / 120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle

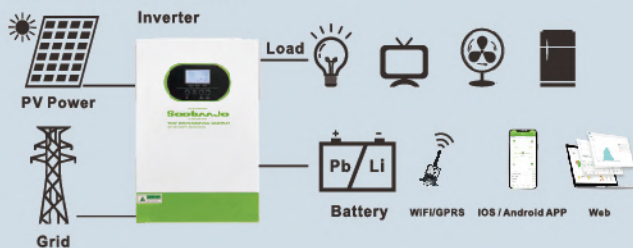


Bottom view

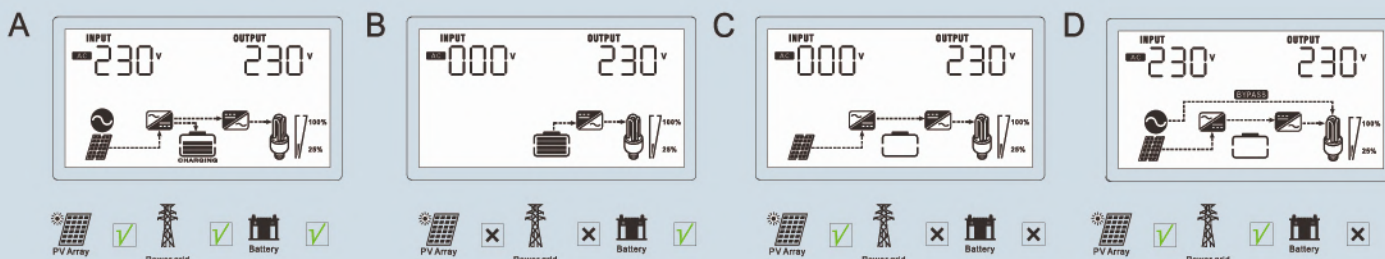
1. AC Input
2. AC output
3. PV input
4. Battery input
5. RS232 / RS485 communication port
6. Grounding
7. Power on/off switch



System Diagram



Working Mode



* Please note that all specifications are changed without notice.

5.5KW 220V/230VAC OUTPUT

EM Series [PV 60-500Vdc]

Product Parameter

MODEL	EM5500-48L
Capacity	5.5KVA/5.5KW
Parallel Capability	NO
Lithium Battery activation	YES (By PV only)
Lithium Battery communication	YES(RS485)
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	11000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>= 150% load; 10s@110%~ 150% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC / CV
Lithium Battery Activation	YES (By PV)
Lithim battery Communication	YES(RS485)
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	5500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~ 500VDC
Max.Solar Input Current	18A
Max.Solar Charge Current	100A
Max.AC Charge Current	80A
Max.Charge Current (PV+AC)	100A
PHYSICAL	
Dimensions,D x W x H(mm)	438*295*105
Package Dimensions,D x W x H(mm)	560*375*185
Net Weight(Kg)	9
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10°C to 50°C)
Storage Temperature	(-15°C ~ 50°C)
Humidity	5% to 95% Relative Humidity (Non-condensing)

Product specifications are subject to change without further notice.

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1.5KW 220V/230VAC OUTPUT

EM Series (PV 60-500Vdc)

THE BEST FRIENDSHIP
Soobanjo
LA MEILLEURE AMITÉ
1KW 220V/230VAC OUTPUT
EM Series (PV 60-500Vdc)

Features

- Lithium battery activation function by PV or Utility
- Compatible work with lifepo4 battery via Rs485
- Pure sine wave
- Power factor 1.0
- PV input Voltage 60Vdc-500Vdc
- Built-in MPPT 60A / 100A / 120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle



Pure sine wave



PV 60-500Vdc



WiFi Optional



100A/120A MPPT



No Battery Mode



Anti-shock design terminal



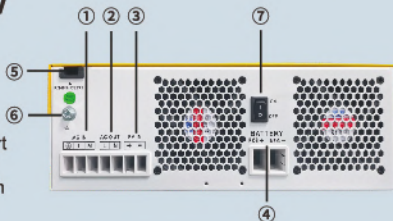
BMS Lithium Battery Activation



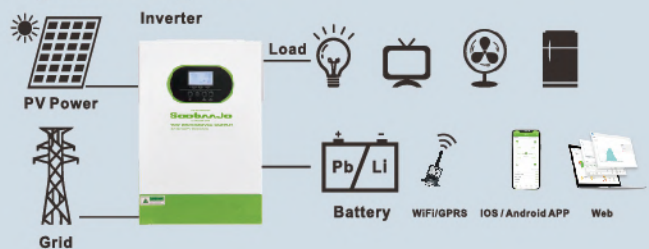
RS232 / RS485

Bottom view

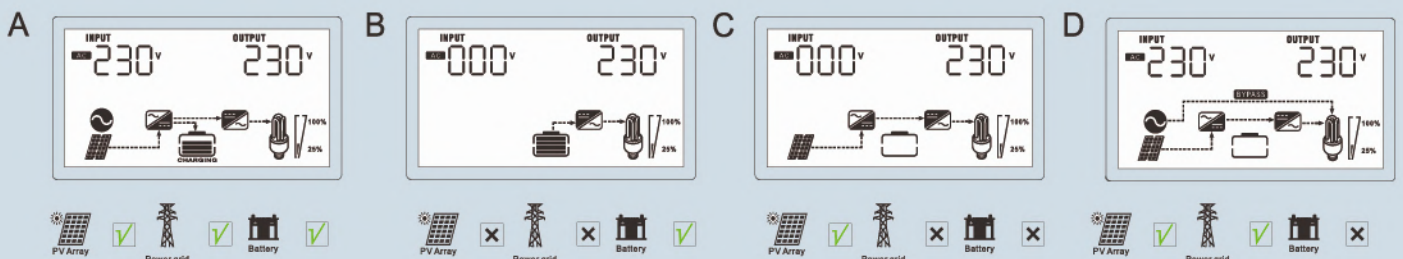
1. AC input
2. AC output
3. PV input
4. Battery input
5. RS232 / RS485 communication port
6. Grounding
7. Power on/off switch



System Diagram



Working Mode



* Please note that all specifications are changed without notice.

CHINA NINGBO ZHENYANG IMPORT AND EXPORT CO., LTD

1.5KW 220V/230VAC OUTPUT

EM Series [PV 60-500Vdc]

Product Parameter

MODEL	EM1000-24L
Capacity	1KVA/1KW
Parallel Capability	NO
Lithium Battery activation	YES (By PV only)
Lithium Battery communication	YES(RS485)
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	3000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=150% load; 10s@110%~150% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
OverCharge Protection	33VDC
Charging Method	CC / CV
Lithium Battery Activation	YES (By PV)
Lithim battery Communication	YES(RS485)
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	2000W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	15A
Max.Solar Charge Current	60A
Max.AC Charge Current	60A
Max.Charge Current (PV+AC)	60A
PHYSICAL	
Dimensions,D x W x H(mm)	358*295*100
Package Dimensions,D x W x H(mm)	465*380*175
Net Weight(Kg)	6
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10°C to 50°C)
Storage Temperature	(-15°C ~ 50°C)
Humidity	5% to 95% Relative Humidity (Non-condensing)

Product specifications are subject to change without further notice.

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SOOBAAJO COMPANY DOUALA CAMEROUN

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En face Intelcia

Phone number: +237 6 82 37 60 35

LFP51.2-100 51.2V100AH

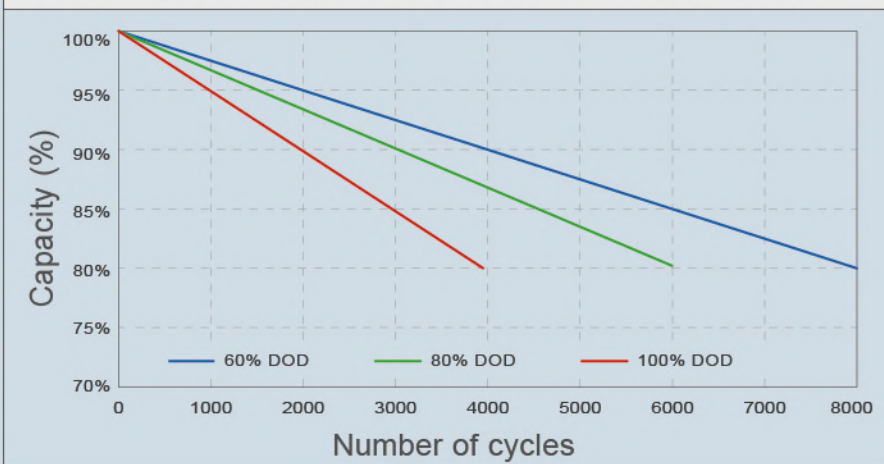
Wall-Mounted LiFePO₄ Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Installation mode can be wall hanging and floor.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Acceptable customization.



Different discharge depth life curves @0.5C,25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-100 51.2V100AH

Wall-Mounted LiFePO₄ Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	100Ah
Combination mode	16S1P
BMS configuration	16S100A
Rated voltage	51.2V
Operating voltage range	41.6V~59.2V
Rated charge and discharge current	50A
Peak current	100A Continue @120A 3s
Rated charging and discharging power	2.56Kw
Peak power	5.12Kw Continue @6.144Kw 3s
Short-circuit current	0.377Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	49.85kg
Dimensions (L*W*H) mm	425*145*660mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victron energy/SOFAR/INVT
Installation mode	Wall hanging/Floor mounting
Power cable outlet mode	Upper
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.6V~3.7V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

*2: Rated charge and discharge current and power will change due to temperature and SOC.

*Please note that all specifications are changed without notice.

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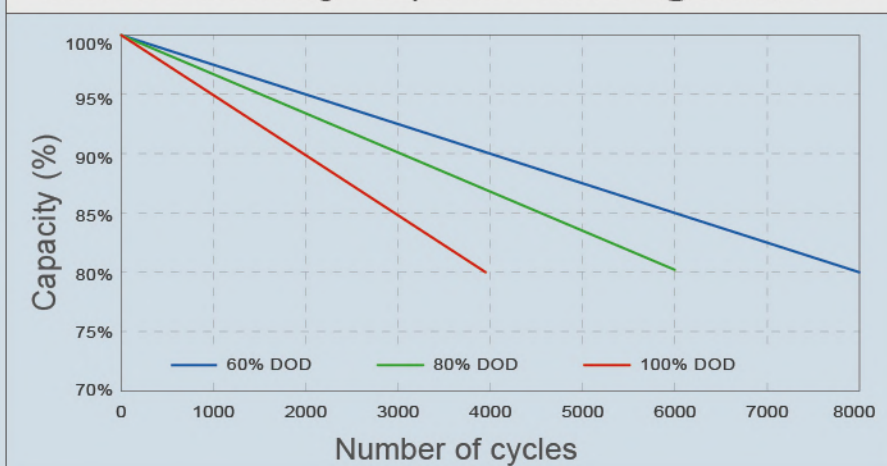
LFP51.2-200 51.2V200AH

Wall-Mounted LiFePO₄ Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Installation mode can be wall hanging and floor.
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- Acceptable customization.

Different discharge depth life curves @0.5C,25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-200 51.2V200AH

Wall-Mounted LiFePO₄ Battery

Product Parameter

Available electricity	10.24Kwh
Rated capacity	200Ah
Combination mode	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	41.6V~59.2V
Rated charge and discharge current	100A
Peak current	200A Continue @300A 0.16s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue @15.36Kw 0.16s
Short-circuit current	0.6Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	84.7kg
Dimensions (L*W*H) mm	410*240*640mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victon energy/SOFAR/INVT
Installation mode	Wall hanging/Floor mounting
Power cable outlet mode	Upper
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.6V~3.7V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

*2: Rated charge and discharge current and power will change due to temperature and SOC.

*Please note that all specifications are changed without notice.

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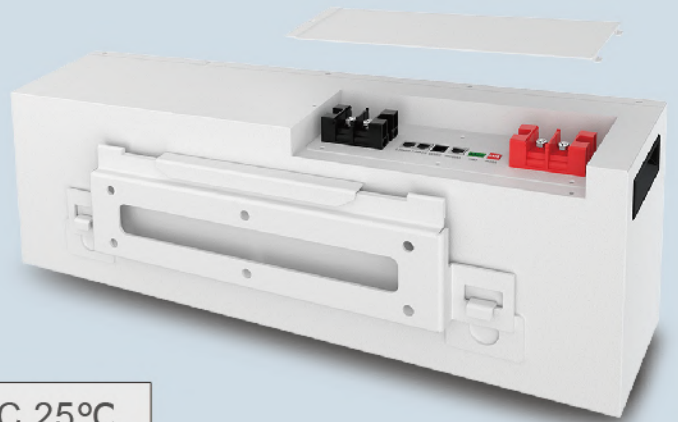


LFP25.6-100 25.6V100AH

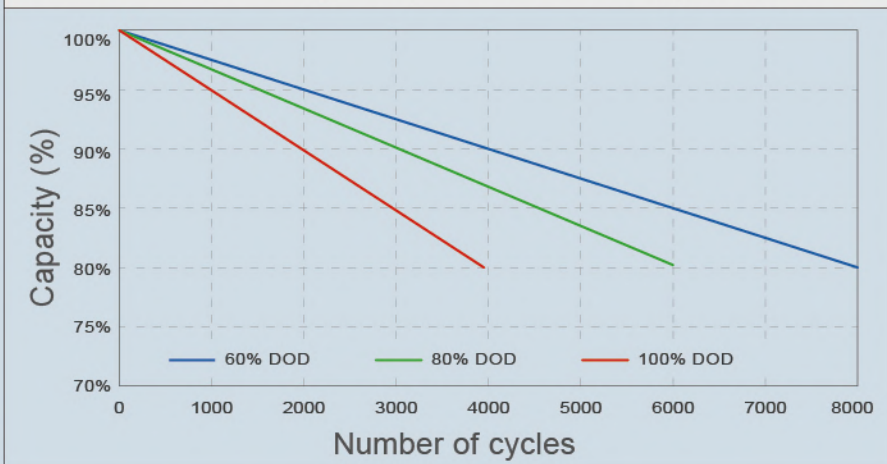
Wall-Mounted LiFePO₄ Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Installation mode can be wall hanging and floor.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Acceptable customization.



Different discharge depth life curves @0.5C, 25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP25.6-100 25.6V100AH

Wall-Mounted LiFePO₄ Battery

Product Parameter

Available electricity	2.56Kwh
Rated capacity	100Ah
Combination mode	8S1P
BMS configuration	8S100A
Rated voltage	25.6V
Operating voltage range	20.8V~29.6V
Rated charge and discharge current	50A
Peak current	100A Continue @120A 3s
Rated charging and discharging power	1.28Kw
Peak power	2.56Kw Continue @3.072Kw 3s
Short-circuit current	0.225Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	28.03Kg
Dimensions (L*W*H) mm	750*145*250mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victron energy/SOFAR/INVT
Installation mode	Wall hanging/Floor mounting
Power cable outlet mode	Upper
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.6V~3.7V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

*2: Rated charge and discharge current and power will change due to temperature and SOC.

*Please note that all specifications are changed without notice.

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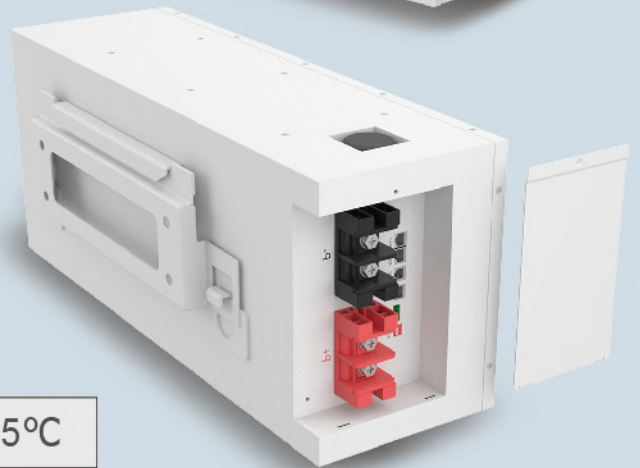


LFP25.6-200 25.6V200AH

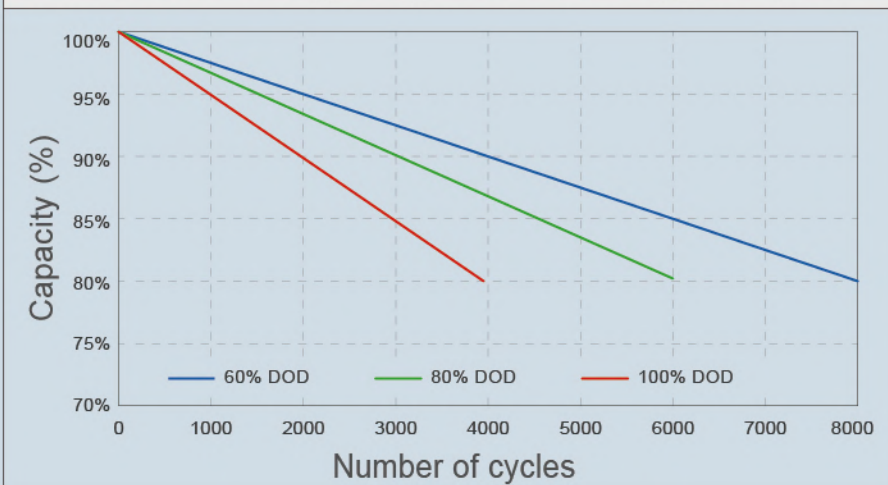
Wall-Mounted LiFePO₄ Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Installation mode can be wall hanging and floor.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Acceptable customization.



Different discharge depth life curves @0.5C,25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP25.6-200 25.6V200AH

Wall-Mounted LiFePO₄ Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	200Ah
Combination mode	8S1P
BMS configuration	8S200A
Rated voltage	25.6V
Operating voltage range	20.8V~29.6V
Rated charge and discharge current	100A
Peak current	200A Continue @300A 0.16s
Rated charging and discharging power	2.56Kw
Peak power	5.12Kw Continue @7.68Kw 0.16s
Short-circuit current	0.427Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	40.78Kg
Dimensions (L*W*H) mm	620*200*275mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victron energy/SOFAR/INVT
Installation mode	Wall hanging/Floor mounting
Power cable outlet mode	Flank
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.6V~3.7V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

*2: Rated charge and discharge current and power will change due to temperature and SOC.

*Please note that all specifications are changed without notice.

WE ARE JUST COLLECTORS OF SUNLIGHT ENERGY

SOOBAAJO COMPANY DOUALA CAMEROUN

Address:

Douala-Akwa

Rue Anciennement Sonel

En face Intelcia

Phone number: +237 6 82 37 60 35



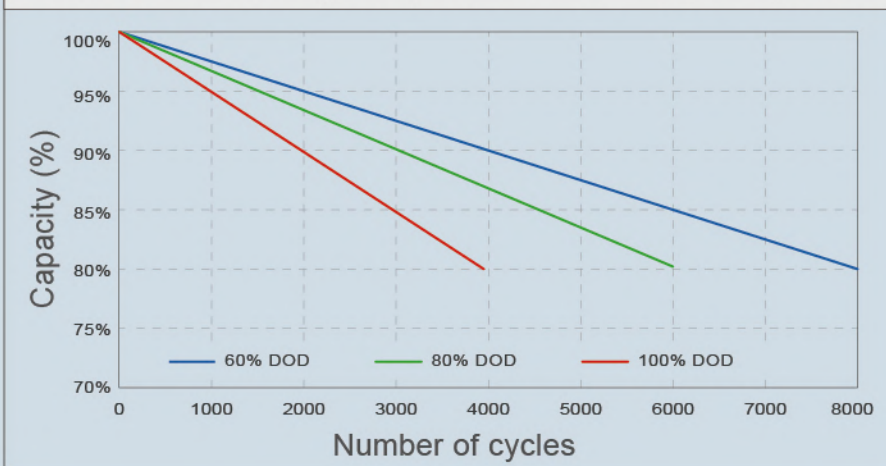
LFP51.2-100 51.2V100AH

Wall-Mounted LiFePO₄ Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Installation mode can be wall hanging and floor.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Acceptable customization.

Different discharge depth life curves @0.5C,25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-100 51.2V100AH

Wall-Mounted LiFePO₄ Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	100Ah
Combination mode	16S1P
BMS configuration	16S100A
Rated voltage	51.2V
Operating voltage range	41.6V~59.2V
Rated charge and discharge current	50A
Peak current	100A Continue @120A 3s
Rated charging and discharging power	2.56Kw
Peak power	5.12Kw Continue @6.144Kw 3s
Short-circuit current	0.377Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	49.85kg
Dimensions (L*W*H) mm	425*145*660mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victron energy/SOFAR/INVT
Installation mode	Wall hanging/Floor mounting
Power cable outlet mode	Upper
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.6V~3.7V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

*2: Rated charge and discharge current and power will change due to temperature and SOC.

*Please note that all specifications are changed without notice.

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Phone number: +237 6 82 37 60 35

LFP51.2-300 51.2V300AH

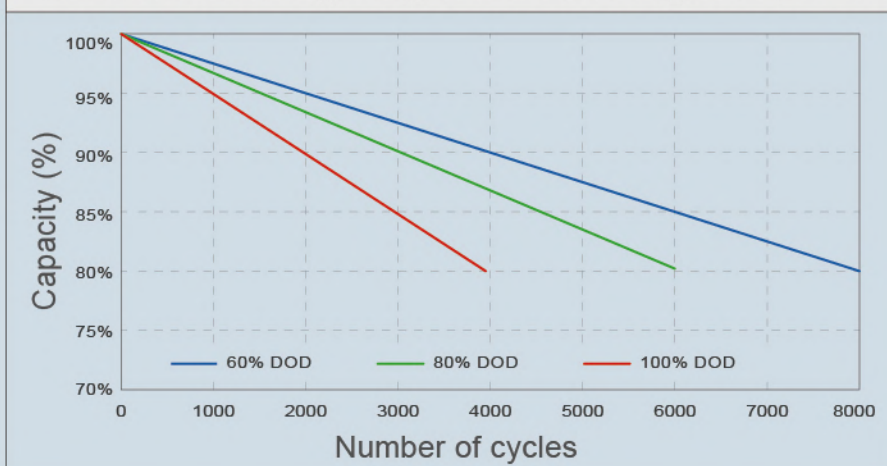
Vertical LiFePO₄ battery

General Feature

- ≥6000cycles Reliable Performance.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry
- eliminates the risk of explosion or combustion. Wider temperature range: -20°C~60°C.
- Acceptable customization.



Different discharge depth life curves @0.5C,25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-300 51.2V300AH

Vertical LiFePO₄ battery

Product Parameter

Available electricity	15.36Kwh
Rated capacity	300Ah
Combination mode	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	41.6V~59.2V
Rated charge and discharge current	150A
Peak current	200A Continue @210A 2s
Rated charging and discharging power	7.68Kw
Peak power	10.24Kw Continue @10.752Kw 2s
Short-circuit current	0.762Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	120kg
Dimensions (L*W*H) mm	720*260*580mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victron energy/SOFAR/INVT
Installation mode	Floor mounting
Power cable outlet mode	Behind
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.6V~3.7V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

*2: Rated charge and discharge current and power will change due to temperature and SOC.

*Please note that all specifications are changed without notice.



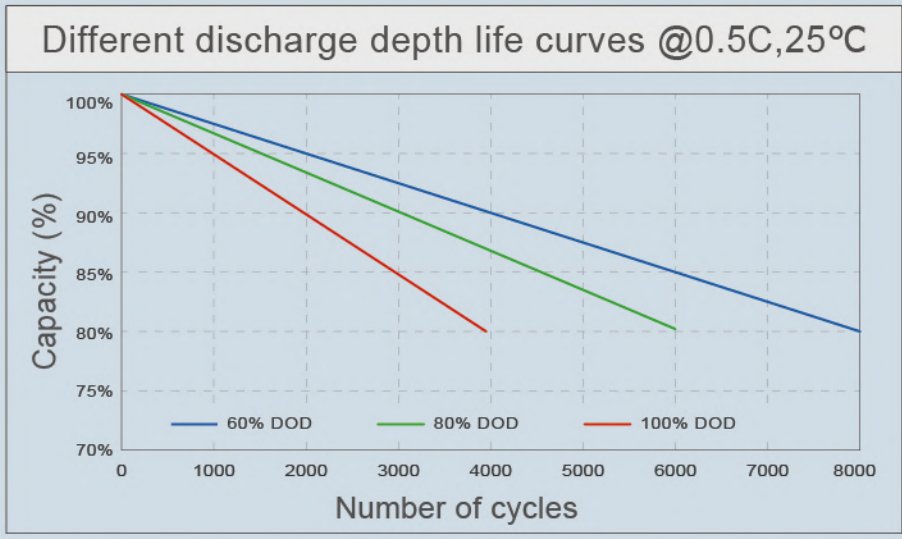
SOOBAAJO COMPANY DOUALA CAMEROUN

Address:
Douala-Akwa
Rue Anciennement Sonel
En face Intelcia

General Feature

- ≥ 6000 cycles Reliable Performance.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$.
- Acceptable customization.

SUN-8K-SG01LP1-EU Hybrid Inverter



- Bluetooth Connection
- Short Circuit Protection
- Temperature Protection
- Charging Overvoltage Protection
- Discharge Undervoltage Protection
- OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.



SOOBAAJO COMPANY DOUALA CAMEROUN

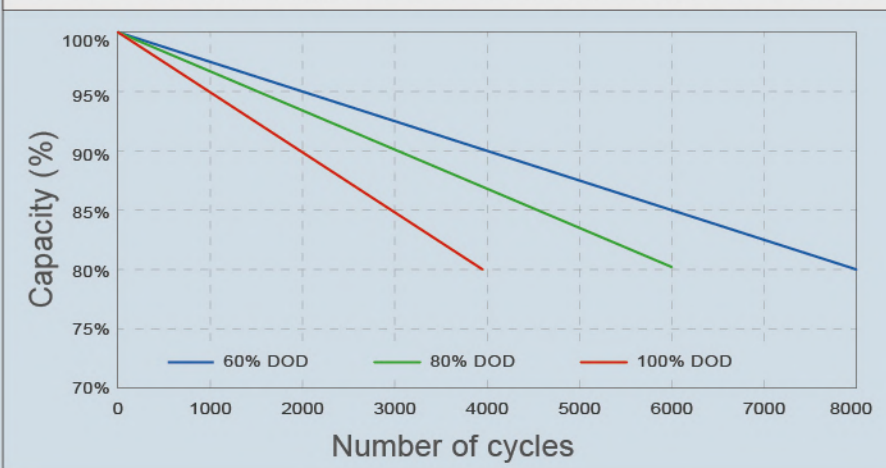
Address:
Douala-Akwa
Rue Anciennement Sonel
En face Intelcia

General Feature

- ≥ 6000 cycles Reliable Performance.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$.
- Acceptable customization.

**SUN-12K-
SG01LP1-EU
Hybrid Inverter**

Different discharge depth life curves @0.5C, 25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.



SOOBAAJO COMPANY DOUALA CAMEROUN

Address:

Douala-Akwa

Rue Anciennement Sonel

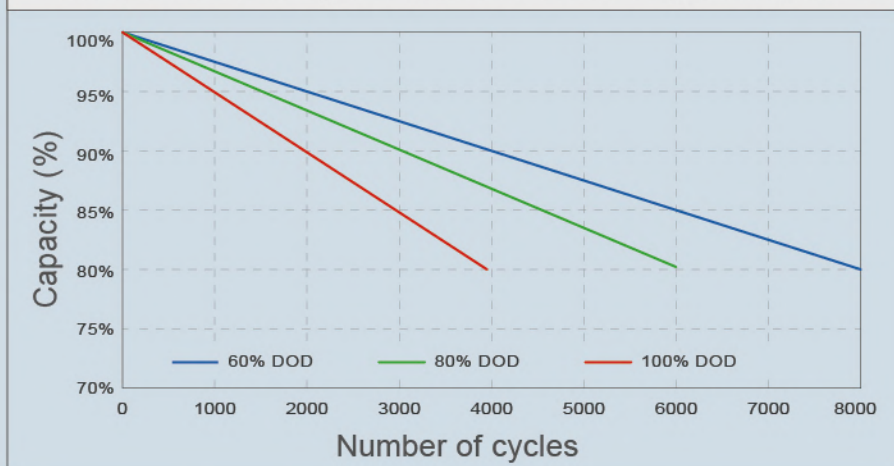
En face Intelcia

General Feature

- ≥ 6000 cycles Reliable Performance.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry
- eliminates the risk of explosion or combustion. Wider temperature range: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$.
- Acceptable customization.

**SUN-16K-
SG01LP1-EU
Hybrid Inverter**

Different discharge depth life curves @0.5C,25°C



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.



collecteurs nous ne sommes que des
panneaux SOLAIRES d'énergie solaire

MODE 719KC
500mAh
monocrystalline silicon
DIMENSION
14x23cm
9-OUT WIRE
Charge 3v-5v batteries
10%
APPLICATION RANGE
100 (OPEN-CIRCUIT VOLTAGE)
5V
90 (SHORT-CIRCUIT CURRENT)
700ma
Irradiance 1000w/m² ±5%
STC
module temperature am=1.5
solar spectrum am=1.5
WIRE CORE NATIONAL STANDARD COPPER
WIRE CORE DIAMETER OF WIRE
0.2mm
OUTER DIAMETER OF WIRE
3.5mm

PARAMETERS

FAST CHARGE
USB
3.5W
5V
FASTER CHARGE
135%

ENVIRONMENTAL SAVE MONEY EFFICIENT
AUTHORIZED SUPERVISOR CHINA NINGBO ZHENYANG IMPORT AND EXPORT CO., LTD

7050
FABRIQUE EN CHINE

LITHIUM BATTERY
LEAD-ACID BATTERY
INVERTER
PRODUCT SET
Solar panel
PRODUCT SET

**LITHIUM BATTERY
LEAD-ACID BATTERY
INVERTER
PRODUCT SET**



12V 65AH

Valve Regulated Lead Acid Battery



12V 100AH

Valve Regulated Lead Acid Battery



12V 150AH

Valve Regulated Lead Acid Battery



12V 200AH

Valve Regulated Lead Acid Battery

*Please note that all specifications are changed without notice.



12V300AH

Valve Regulated Lead Acid Battery



12V250w

Valve Regulated Lead Acid Battery



12V400w

Valve Regulated Lead Acid Battery



12V500w

Valve Regulated Lead Acid Battery

S00-8015

PARAMETERS MODEL **s00-8015**
 Rated power **150w**
 Ac output voltage **220v**
 Ac output frequency **50Hz**
 Exchange efficiency **Max > 90%**
 Battery capacity **12V 12AH**
 Solar Panel Specifications (optional) **16V 30W**
 Alternating current **Max. 2.5A**
 Ac charger Specifications **14.8V 2A**
 Product weight (kg) **4.5kg**
 Product Size W*D*H(mm) **225*155*195mm**



S00-X502

PARAMETERS Photovoltaic panel:
3W 6V DC line length 3M
 Lamp:
3W, 2 pieces with switch, wire length 3M
 Lithium battery:
2 sections 1200MA 18650
 Material:
ABS
 DCinput:
500MA/hour charging 2400/500=5 hours full chargeinput voltage between 6V-12V
 USB output :
500MA/hour
 DC output :
single light cannon discharge for 10 hours

Solar panel PRODUCT SET



Solar panel PRODUCT SET



S00-300W



S00-350W

Solar panel PRODUCT SERIES



S00-250W



S00-230W



S00-200W

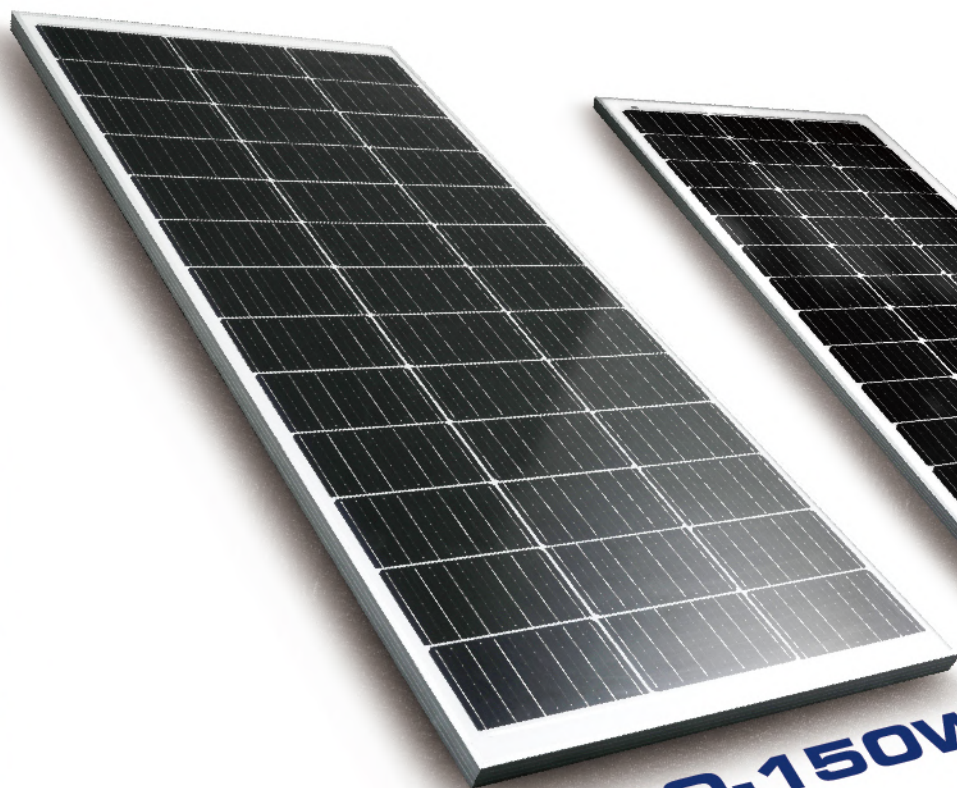
Solar panel **PRODUCT SET**



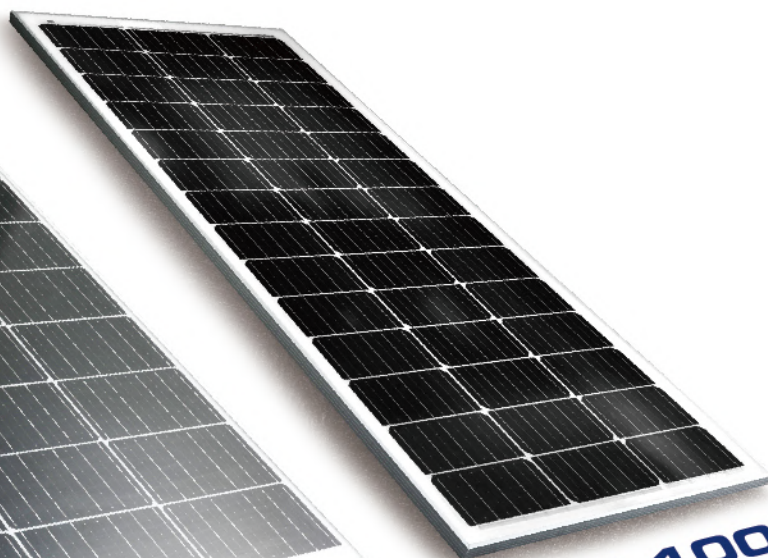
SOO-50W



SOO-30W



SOO-150W



SOO-100W



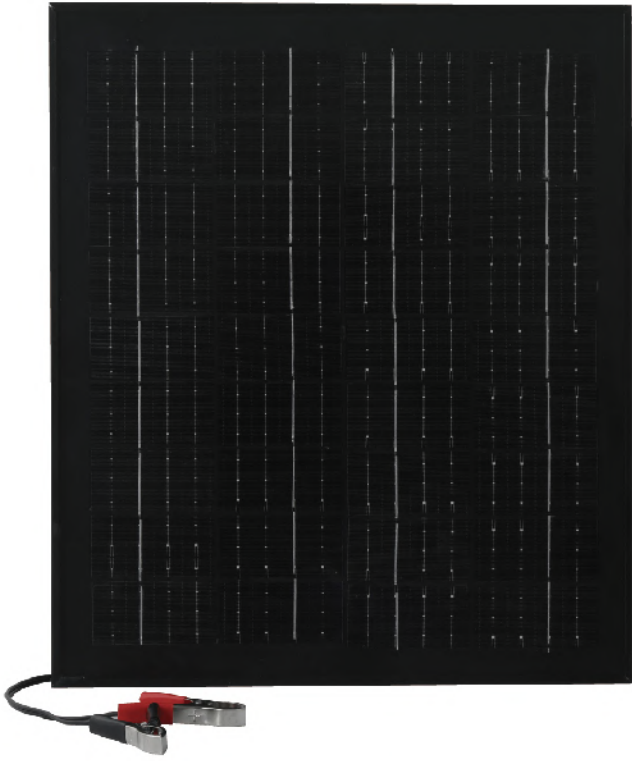
SOO-50F

Solar panel
PRODUCT
SET



SOO-100F

Solar panel **PRODUCT SET**



S00-20W



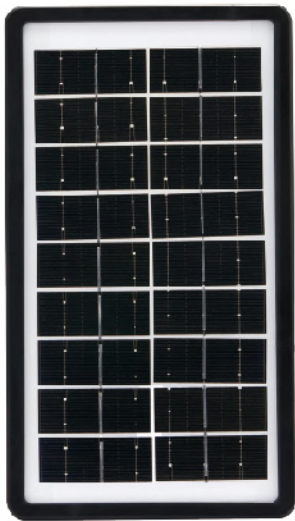
S00-15W



S00-15BL



S00-15B



S00-719



S00-718KC



S00-718

Solar panel **PRODUCT SET**



S00-712



S00-619



S00-710KC



S00-710

Solar panel **PRODUCT SET**



S00-618



S00-612



S00-610