



PHOTOVOLTAIC PRODUCTATLAS

Lithium Battery
Solar Panel
Solar Inverter

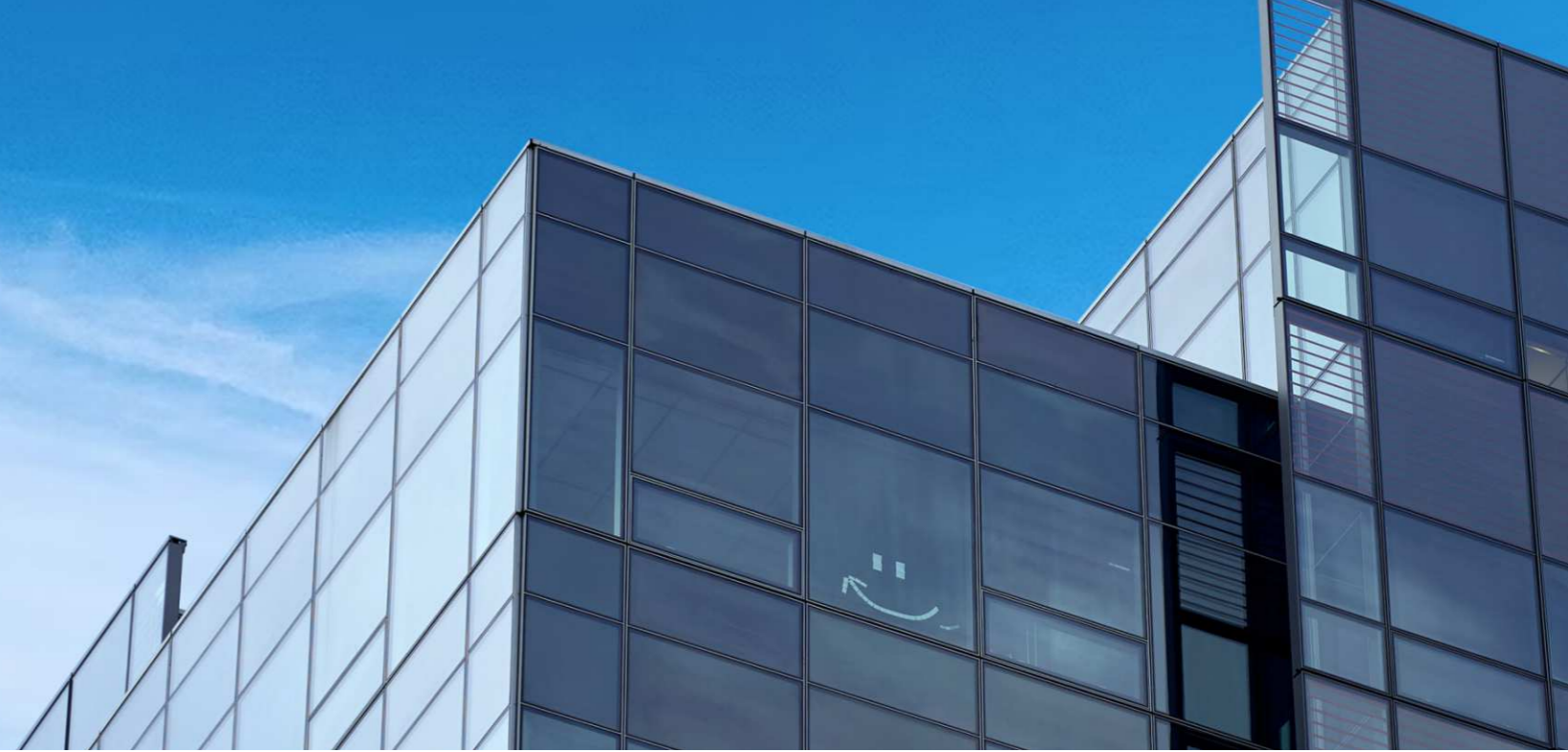


Shenzhen Youess Energy Storage Technology Co., Ltd

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Company Profile

Shenzhen Youess Energy Storage Technology Co.,Ltd is a energy enterprise under china listed company FANGZHENG TOOL (300998). The core team members have more than 10 years of technology research and development experience and engineering design experience in the field of photovoltaic and energy storage. We have advanced technology and equipment, and are committed to the development and application of new energy technologies to improve energy efficiency and reduce the impact on the environment.

We are a global focused service provider of batteries, solar panels, inverters, solar controllers, portable solar generator and car charging posts. We have a number of self-developed patents and product certificates (UL, CE, UN38.3, MSDS, IEC, ISO, etc.). The company's products sell well in more than 60 countries and regions in the world, and has set up global offices and technical after-sales service centers in Europe, the Middle East, South Africa, Australia and other places.



Factory

High capacity, automation



All in One Solar Energy System

5000W
48V-5.12KWH
48V-10.24KWH
48V-15.36KWH

IEC CE UN38.3

Product Feature >>>



More Usable Capacity

Up to 3 batteries in parallel expand to 15.36kWh



Longer Lifespan

High quality lithium iron phosphate cells



Convenient

No matching and commissioning required, ready to install



Intelligent Monitor

LCD screen with real-time data



smart charging

Multiple charge and discharge modes available



BMS/MPPT

Built-in BMS and MPPT solar charge controller

Solar System Connection >>>



Product Data Sheet >>>

INVERTER MODULE	SUN 5000 Series		
Output			
Nominal Output Power[W]	5000		
Max. Peak Power[VA]	10000		
Load Capacity of Motor[HP]	4		
Wave Form	Pure Sine Wave		
Rated Output Voltage[Vac]	230 (single-phase)		
Output Mode	Off-grid/Hybrid		
PV Input			
Solar Charge Type	MPPT		
Num. of MPPT Trackers	1		
Max. PV Array Power[W]	5500		
Max. PV Open Circuit Voltage[Vac]	500		
Grid / Generator Input			
Input Voltage Range (Vac)	90~280		
Bypass Overload Current[A]	40		
Battery Charging			
Max. Solar Charging Current[A]	0~80		
Max. Grid/Generator Charging Current[A]	0~60		
General			
Dimension [W x D x H, mm]	640*170*420		
Net Weight [Kg]	16kg		
BATTERY MODULE	SUN 5000-5.12L	SUN 5000-10.24L	SUN 5000-15.36L
Total Energy [kWh]	5.12	10.24	15.36
Voltage Range [V]	48-57.6	48-57.6	48-57.6
Capacity [Ah]	100	200	300
Battery Type	LiFePO4		
Max. Parallel Capacity	3units (up to 15.36kWh)		
Cycle Life	> 6,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL		
REGULAR DATA			
Communication with BMS	RS485		
Charging Temp Range [°c]	0~55		
Working Temperature Range [°C]	-10 ~ 55		
Enclosure Protection Rating	IP21		
System Certification	IEC62619,UN38.3,CE		
Warranty	Inverter(3 years), Battery(5 years)		
Dimension [W x D x H, mm]	640*170*905	640*170*1335	640*170*1765
Net Weight [Kg]	68KG	116KG	174KG

Lithium Battery EV-SERIES

25.6V-5.12KWH

IEC CE UN38.3



Product Feature >>>



Safety & Security

Safe LiFePO4 battery, BMS protections



Intelligent Monitor

LCD Display, APP/Bluetooth Monitor



Longer Lifespan

Over 8000 times life cycle & 10 years technical support



More Usable Capacity

95% DOD, support 16 pcs in parallel



Space Saver

Compact size and light weight

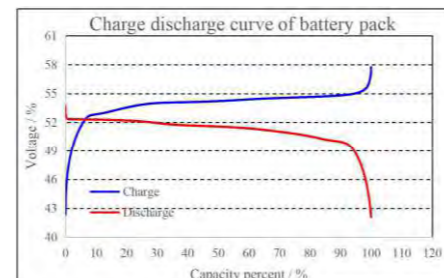
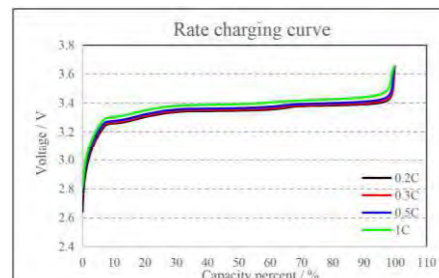
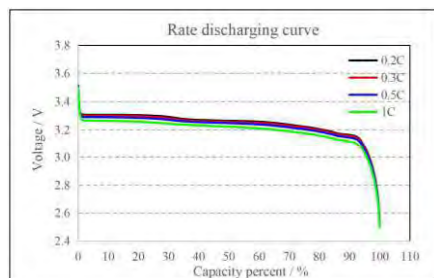


Wide Range of Applications

Solar power system, wind power system, electric vehicle charging, household, office electricity, industrial production

LiFePO4 Features >>>

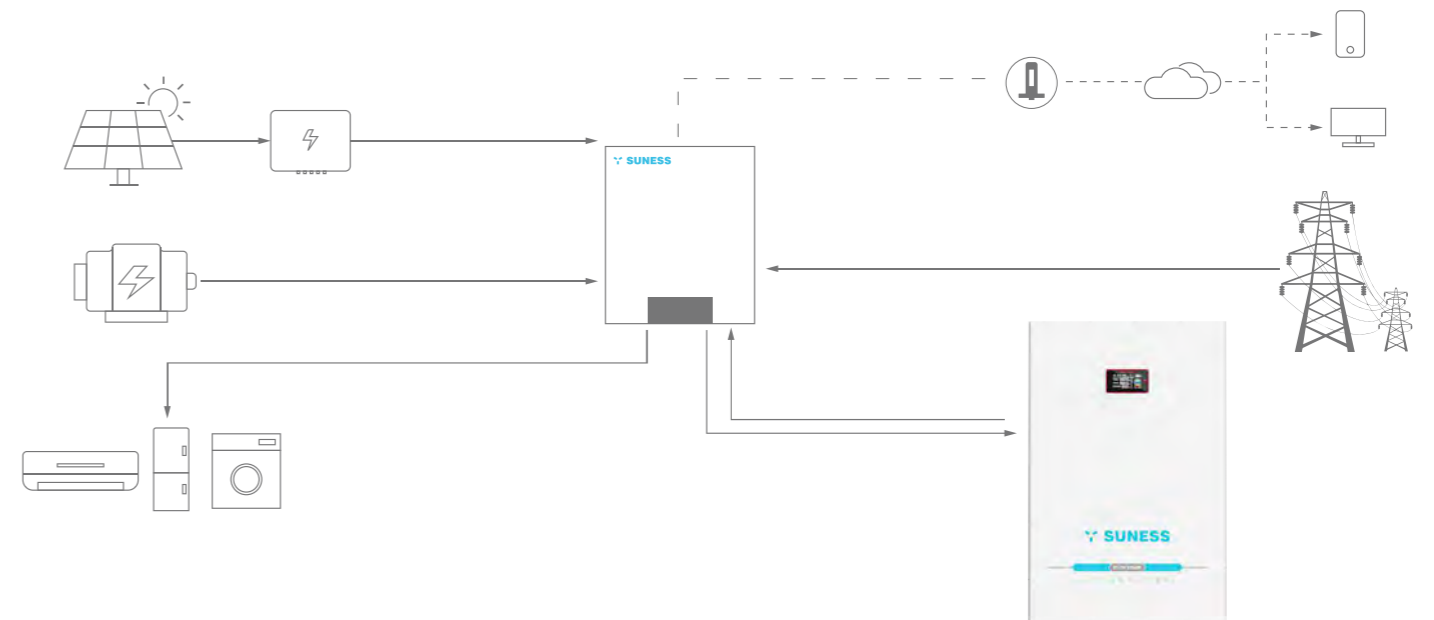
Lithium iron phosphate batteries have high energy density, low cost, and long discharge time. Wall-mounted energy storage batteries are convenient for customers to install and place, reducing space occupancy. ES series can connect up to 16 units in parallel.



Product Data Sheet >>>

MODEL	EV-5.12M
Total Energy [kWh]	5.12
Capacity [Ah]	200
Nominal Voltage [V]	25.6
Voltage Range [V]	24-28.8
MAX. Charge & Discharge Current [A]	80
Peak Charge & Discharge Current [A] (for 10 sec.)	150
Product Size [W x D x H. mm]	660*430*185
Product Weight [Kg]	45
Scalable	1~16 in parallel
Communication	CAN, RS485
Communicated Inverter	GOODWE / Victron / Deye / Growatt / SMA / SRNE
Enclosure Protection Rating	IP21
Charging Temp Range [°C]	0 ~ 55
Working Temperature Range [°C]	-10 ~ 55
Cycle Life	≥8,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL
Warranty	10 years
Certification	IEC62619, UN38.3, CE

Solar System Connection >>>



Lithium Battery EV-SERIES

51.2V-5.12KWH
51.2V-10.24KWH
51.2V-15.36KWH

IEC CE UN38.3



Product Feature >>>



Safety & Security

Safe LiFePO4 battery, BMS protections



Intelligent Monitor

LCD and LED Displays
APP/Bluetooth Monitor



Longer Lifespan

Over 8000 times life cycle &
10 years technical support



More Usable Capacity

95% DOD, support 16 pcs in parallel



Space Saver

Compact size and light weight

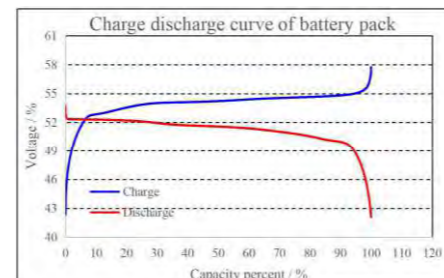
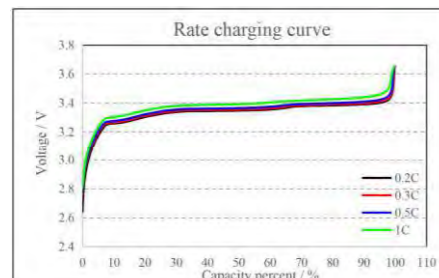
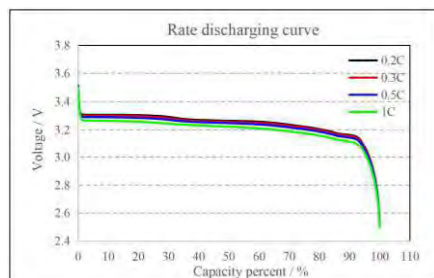


Wide Range of Applications

Solar power system, wind power system,
electric vehicle charging, household, office
electricity, industrial production

LiFePO4 Features >>>

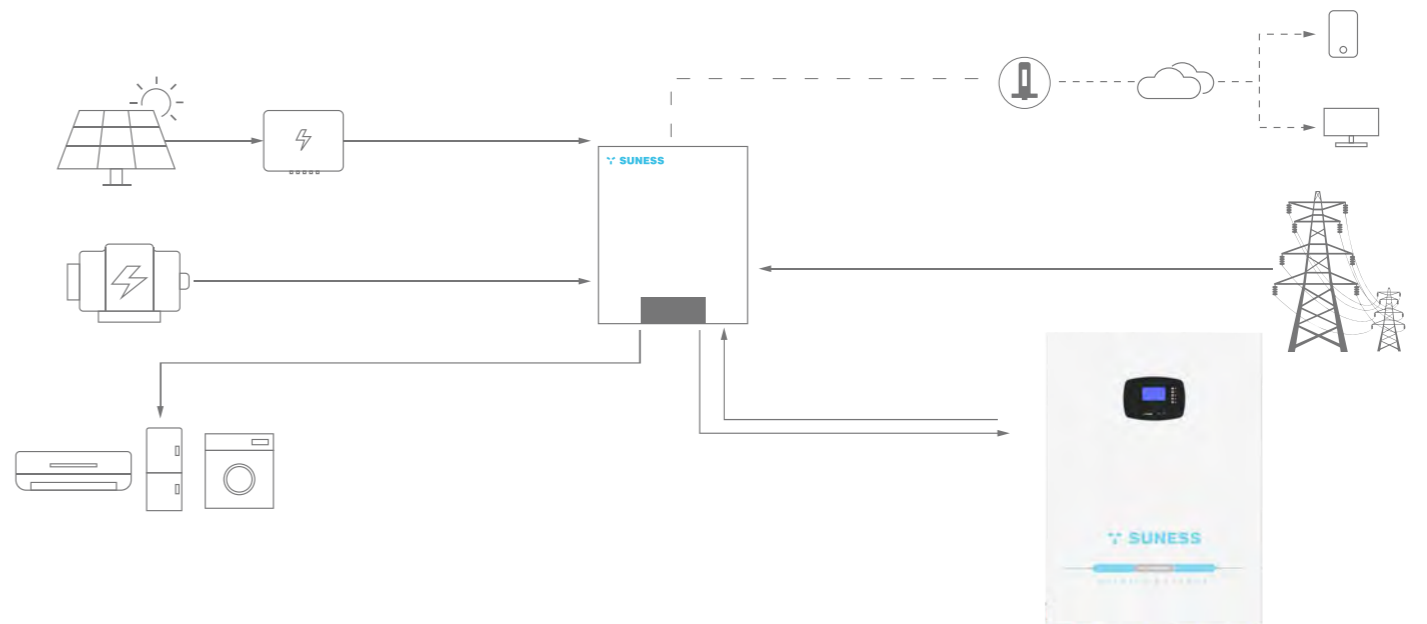
Lithium iron phosphate batteries have high energy density, low cost, and long discharge time. Wall-mounted energy storage batteries are convenient for customers to install and place, reducing space occupancy. ES series can connect up to 16 units in parallel.



Product Data Sheet >>>

MODEL	EV-5.12N	EV-10.24N	EV-15.36N
Total Energy [kWh]	5.12	10.24	15.36
Capacity [Ah]	100	200	300
Nominal Voltage [V]	51.2	51.2	51.2
Voltage Range [V]	48-57.6	48-57.6	48-57.6
MAX. Charge & Discharge Current [A]	60	100	150
Peak Charge & Discharge Current [A] (for 10 sec.)	100	120	200
Product Size [W x D x H. mm]	660*430*185	830*610*194	905*470*250
Product Weight [Kg]	44	86	120
Scalable	1~16 in parallel		
Communication	CAN, RS485		
Communicated Inverter	GOODWE / Victron / SOFAR / Deye / Growatt / Solis / SMA / SRNE		
Enclosure Protection Rating	IP21		
Charging Temp Range [°C]	0 ~ 55		
Working Temperature Range [°C]	-10 ~ 55		
Cycle Life	≥8,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL		
Warranty	10 years		
Certification	IEC62619, UN38.3, CE		

Solar System Connection >>>



Lithium Battery EV-SERIES

12.8V-100AH
12.8V-200AH
12.8V-300AH

IEC CE UN38.3



Product Feature >>>



HIGH TEMPERATURE RESISTANCE

The peak value of lithium iron phosphate electric heating can reach 350°C-500°C, while lithium manganate and cobalt acid Lithium is only around 200°C, with a wide operating temperature range (-10°C--55°C).



BMS CONTROL

The battery management system monitors and adapts to battery conditions to maximize performance and safety.



HIGH SECURITY

The P-O bond in the lithium iron phosphate crystal is stable and difficult to decompose. Even at high temperature or overcharge, it will not collapse and generate heat like lithium cobalt oxide or form strong oxidizing substances, so it has good safety.



ENVIRONMENTAL PROTECTION

Lithium iron phosphate batteries are generally considered to be free of any heavy metals and rare metals (the nickel-hydrogen battery requires rare metals), non-toxic (SGS certification), pollution-free and meets European RoHS regulations, and is an absolute green battery.



LONG CYCLE LIFE

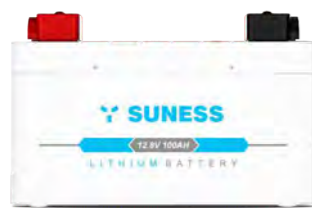
At 80% depth of discharge, the number of cycles exceeds 6,000, and a 5-year warranty is provided.



LIGHT WEIGHT

The volume of a LiFePO4 battery with the same specification and capacity is the volume of a lead-acid battery, the weight is 1/3 of the lead-acid battery. Allowing for simple installation and transportation.

Product Appearance >>>



EV-1.28N



EV-2.56N

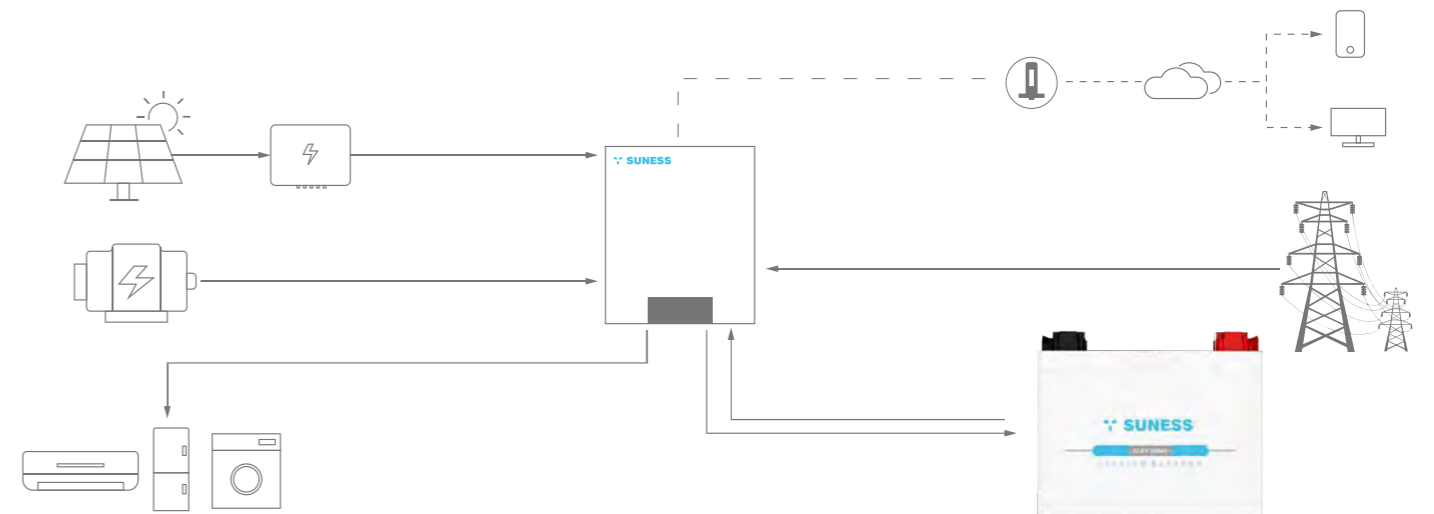


EV-3.84N

Product Data Sheet >>>

MODEL	EV-1.28N	EV-2.56N	EV-3.84N
Total Energy [kWh]	1.28	2.56	3.84
Capacity [Ah]	100	200	300
Nominal Voltage [V]	12.8	12.8	12.8
Voltage Range [V]	12-14.4	12-14.4	12-14.4
MAX. Charge & Discharge Current [A]	50	100	150
Peak Charge & Discharge Current [A] (for 10 sec.)	100	150	200
Scalable	up to 4 in series and up to 6 in parallel		
Communication	CAN,RS485		
Communicated Inverter	GOODWE / Victron / Deye / Growatt / SMA / SRNE		
Enclosure Protection Rating	IP21		
Charging Temp Range [°C]	0 ~ 55		
Discharging Temp Range [°C]	-10 ~ 55		
Cycle Life	≥6,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL		
Warranty	5 years		
Certification	IEC62619,UN38.3,CE		

Solar System Connection >>>



HiP SERIES

Hybrid Solar Inverter

HiP-3524/HiP-5548



Product Data Sheet >>>

MODEL	HiP-3524	HiP-5548
Parallel mode		
Permitted parallel number	/	1-6
AC mode		
Rated input voltage	220/230Vac	
Input voltage range	(170Vac~280Vac) ±2% (90Vac-280Vac) ±2%	
Frequency	50Hz/ 60Hz (Auto detection)	
Frequency Range	47±0.3Hz ~ 55±0.3Hz (50Hz); 57±0.3Hz ~ 65±0.3Hz (60Hz);	
Overload/short circuit protection	Circuit breaker	
Efficiency	>95%	
Conversion time (bypass and inverter)	10ms (typical)	
AC reverse protection	Available	
Maximum bypass overload current	30A	40A
Inverter mode		
Output voltage waveform	Pure sine wave	
Rated output power (VA)	3500	5500
Rated output power (W)	3500	5500
Power Factor	1	
Rated output voltage (Vac)	230Vac	
Output voltage error	±5%	
Output frequency range (Hz)	50Hz ± 0.3Hz 60Hz ± 0.3Hz	
Maximum Efficiency	>92%	
Overload protection	(102% < load < 125%) ±10%: report error and turn off the output after 5 minutes;(125% < load < 150%) ± 10%: report error and turn off the output after 10 seconds;Load >150% ±10%: report error and turn off the output after 5 seconds;	
Peak power	6000VA	11000VA
Loaded motor capability	2HP	4HP
Rated battery input voltage	24V (Minimum starting voltage 22V)	48V (Minimum starting voltage 44V)
Battery voltage range	Undervoltage alarm/shutdown voltage/overvoltage alarm /overvoltage recovery... settable on LCD screen)	
Power saving mode	Load ≤50W	
AC charging		
Battery type	Lead acid or lithium battery	
Maximum charge current(can be set)	0-80A	0-60A
Charge current error	± 5A _{dc}	± 3A _{dc}
Charge voltage range	20 ~33V _{dc}	40 ~58V _{dc}
Short circuit protection	Circuit breaker and blown fuse	
Circuit breaker specifications	30A	40A
PV charging		
Maximum PV open circuit voltage	500V _{dc}	
PV operating voltage range	120-500V _{dc}	
MPPT voltage range	120-450V _{dc}	
Battery voltage range	20 ~33V _{dc}	40~60V _{dc}
Maximum input power	4000W	6000W
PV charging current range (can be set)	0-80A	0-100A
Certified specifications		
Certification	CE(IEC 62109-1)/FCC/SAA	CE(IEC 62109-1)/CETL(UL 1741 C22.2 NO.107.1)/FCC/SAA
EMC certification level	EN61000, C2	En61000
Humidity range	5% to 95% (Conformal coating protection)	
Communication interface	USB/CAN/RS485(WIFI/GPRS)/Dry node control	
Product Size [L x W x D. mm]	378×280×103	378×280×103
Package Size [L x W x D. mm]	440×350×176	440×350×176
Product Weight [Kg]	7.40	10.50
Package Weight [Kg]	8.00	11.00

Product Feature >>>



New technology

Advanced SPWM technology



Flexibility

Mains bypass voltage or inverter output can be selected:



Optional

ON/OFF rocker switch for AC output control.



Energy saving

Power saving mode can reduce no-load loss.



LCD screen

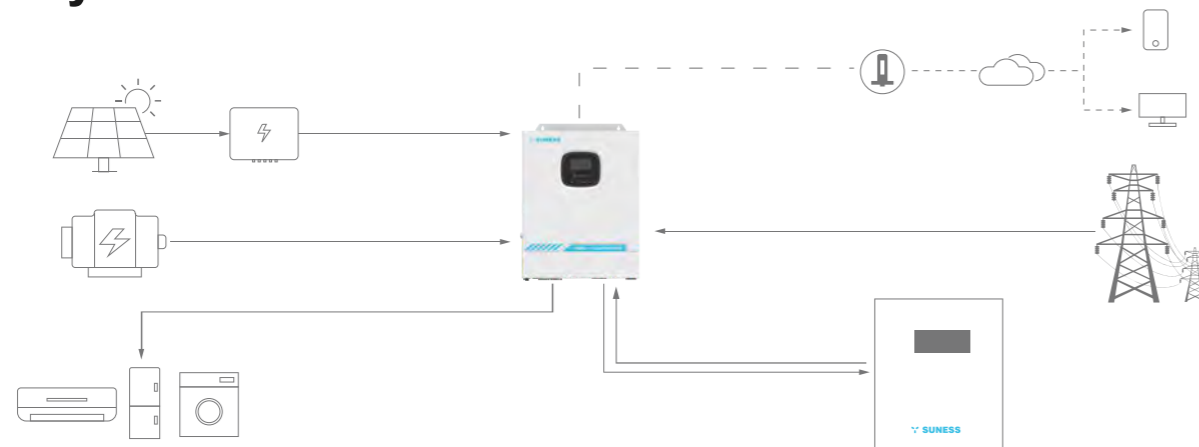
Design LCD screen to observe dynamic data



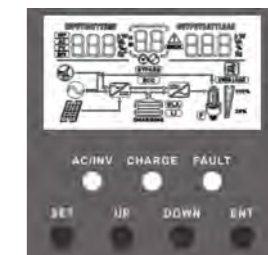
smart charging

Provide 4 charging modes

Solar System Connection >>>



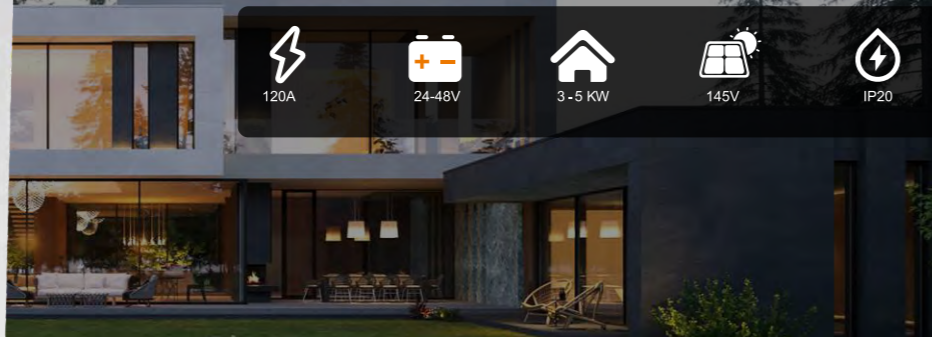
>>> Overview



HiU Series

All in one solar charger

HiU-3024-HiU-5048



Product Feature >>>



Efficiency

- Advanced MPPT with up to 99.9% efficiency
- Multiple charge and discharge modes are available



Reliable

- Outputs high-quality pure sine wave AC power
- Reliable output for long periods at rated power



Safety

- 360 degrees of security from hardware to software
- With IEC, SAA, CETL, FCC certification



User-Friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use



All in one

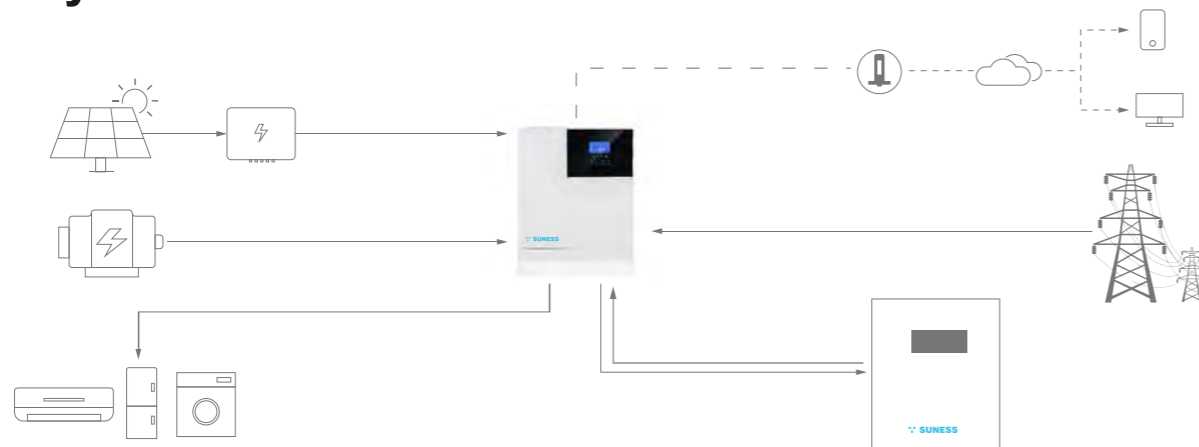
- Support for many types of batteries
- Supports Li-ion battery BMS communication



Intelligent

- Exclusive Li-ion battery BMS dual activation
- Support for remote monitoring of operating parameters

Solar System Connection >>>



Product Data Sheet >>>

MODEL	HiU-3024	HiU-5048	CAN BE SET
INVERTER OUTPUT			
Rated Output Power	3,000W	5,000W	
Max.Peak Power	6,000VA	10,000VA	
Rated Output Voltage	120Vac (L/N/PE single phase)		√
Load Capacity of Motors	2HP	4HP	
Rated AC Frequency	50Hz/60Hz		
Waveform	Pure Sine Wave		
Switch Time	10ms(typical)		
BATTERY			
Battery Type	Li-ion/Lead-Acid/User Defined		√
Rated Battery Voltage	24Vdc	48Vdc	
Voltage Range	20~33Vdc	40~60Vdc	√
Max.MPPT Charging Current	80A	80A	√
Max.Mains/Generator Charging Current	40A		√
Max.Hybrid Charging Current	80A		√
PV INPUT			
Num. of MPPT Trackers	1		
Max.PV Array Power	4,000W	5,200W	
Max.Input Current	13A	18A	
Max.Voltage of Open Circuit	500Vdc		
MPPT Voltage Range	120~450Vdc		
MAINS/GENERATOR INPUT			
Input Voltage Range	90~140Vac		√
Frequency Range	50Hz/60Hz		√
Bypass Overload Current	40A	40A	
EFFICIENCY			
MPPT Tracking Efficiency	99.9%		
Max. Battery Inverter Efficiency	92%		
GENERAL			
Product Size [L x W x D. mm]	378×280×103	426×322×126	
Package Size [L x W x D. mm]	441×350×180	498×410×201	
Product Weight [Kg]	7.30	10.50	
Package Weight [Kg]	8.50	11.50	
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-15°C~55°C (5°F~55°F)		
Noise	<60dB		
Cooling Method	Internal Fan		
COMMUNICATION			
Embedded Interfaces	RS485/CAN/USB/Dry contact		
External Modules(Optional)	Wi-Fi/GPRS		



HiS SERIES

Hybrid Solar Inverter

HiS-3500VA/HiS-5500VA

- ⚡
120A
- 🔋
24-48V
- 🏠
3.5-5.5 KW
- ☀️
500V
- 💧
IP20

Product Feature >>>



Flexibility

Programmable supply priority for PV ,battery or Grid



Intelligent

User-adjustable charge current and voltage



Wide PV input range

120Vdc -500Vdc range



Intelligent

WIFI&GPRS available for IOS and Android



Smart Technology

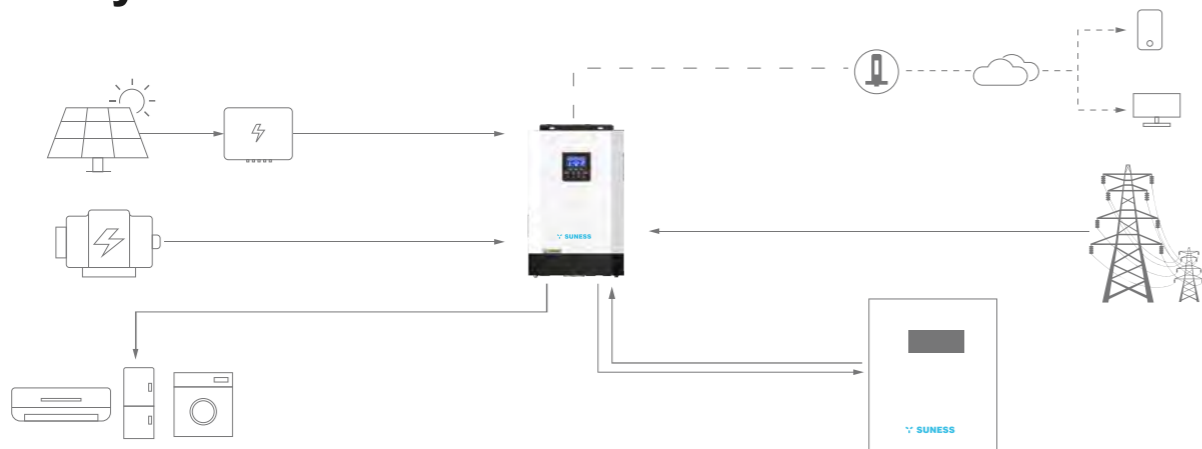
Compact size and light weight



Quiet

minimal noise in use

Solar System Connection >>>



Product Data Sheet >>>

MODEL	HiS-3524	HiS-5548
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230V AC±5%	
Surge power	7000VA	11000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	31VDC	61VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX.PV Array Power	5000W	6000W
MPPT Range@Operating Voltage	120-500VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	110A	
Maximum Efficiency	98%	
PHYSICAL		
Product Size [D x W x H. mm]	472×298×129	
Package Size [D x W x H. mm]	550×400×230	
Product Weight [Kg]	9.50	10.50
Package Weight [Kg]	10.50	11.50
Communication Interface	RS485/RS232(Standard) LCD remote/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	

Overview >>>



LCD display

LED indicators

Function keys

HiS SERIES

Hybrid Solar Inverter

HiS-7248/HiS-8248/HiS-10248



Product Data Sheet >>>

MODEL	HiS-7248	HiS-8248	HiS-10248
Phase	1-phase		
Maximum PV Input Power	8200W	8200W	10200W
Rated Output Power	7200W/7200VA	8200W/8200VA	10200W/10200VA
Maximum Solar Charging Current	160A	160A	180A
GRID-TIE OPERATION			
PV Input(DC)			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC		
MPPT Voltage Range	90VDC~450VDC		
Number Of MPPT Trachers/Maximum Input Current	1/27A		
GRID OUTPUT(AC)			
Nominal Output Voltage	200/230/240VAC		
Output Voltage Range	195.5~253VAC		
Nominal Output Current	31.3A	35.6A	44.3A
Power Factor	>0.99		
Feed-in Grid Frequency Range	49~51±1Hz		
EFFICIENCY			
Maximum Conversion Efficiency(DC/AC)	98%		
TWO LOAD OUTPUT POWER(V2.0)			
Full Load	7200W	8200W	10200W
Maximum Main Load	7200W	8200W	10200W
Maximum Second Load(Battery mode)	2400W	2733W	3400W
Main Load Cut Off Voltage	44VDC	44VDC	44VDC
Main Load Return Voltage	54VDC	54VDC	54VDC
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC / 180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	40A	40A	50A
Nominal Operating Frequency	50/60Hz		
Surge Power	14400W	16400W	20400W
PV INPUT(DC)			
Maximum DC Voltage	500VDC		
MPPT Voltage Range	90VDC~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A		
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage	48VDC	48VDC	48VDC
Output Waveform	Pure sinewave		
Efficiency(DC to AC)	94%		
BATTERY & CHARGER			
Nominal DC Voltage	48VDC	48VDC	48VDC
Maximum Solar Charging Current	160A	160A	160A
Maximum AC Charging Current	140A	140A	160A
PHYSICAL			
Product Size [L x W x D. mm]	537×390×130		
Package Size [L x W x D. mm]	588×463×205		
Product Weight [Kg]	7.40	7.40	10.50
Package Weight [Kg]	8.00	8.00	11.00

Product Feature >>>



Automatic activation

Built-in lithium battery automatic activation



Intelligent

Smart battery charge design to optimize battery life



Convenient

One-click restoration to factory settings

MPPT

Built-in MPPT solar charge

160A(for 7.2kW/8.2KW) , 180A(for 10.2KW) 6.Touch button



Reliability

Short Circuit Protection,High Temperature Protection,High Voltage Protection, Etc



Touch button

Touch screen for easy operation

RGB lighting for different working mode >>>



Red-Battery Mode

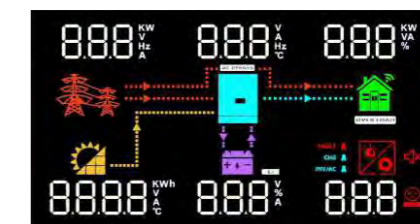
Blue-Utility Mode

Purple-PV Mode

- RGB automatically switches with the working mode of the inverter:
Battery mode: red;
Utility mode: blue;
PV mode: purple

off grid hybrid

Overview >>>



LCD DISPLAY



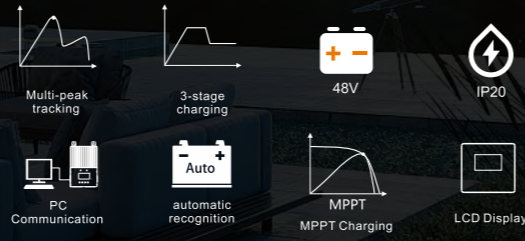
WIFI-APP



MP SERIES

Solar Charge Controller

MP-4880/MP-48100



Product Feature >>>



High efficiency

MPPT tracking efficiency can reach 99.9%



Good performance

PV Wide Voltage Input(Prohibit DC power input)



Multifunction

Supports multiple battery types



Protection

Load overcurrent/short circuit/ overtemperature protection/TVS Lightning Protection



Parallel

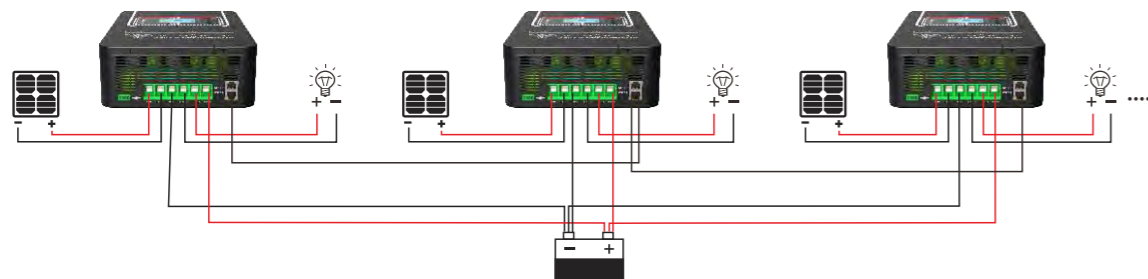
Supports the parallel use of multiple controllers



Communication

RS232/485 communication

Parallel connection diagram >>>



Product Data Sheet >>>

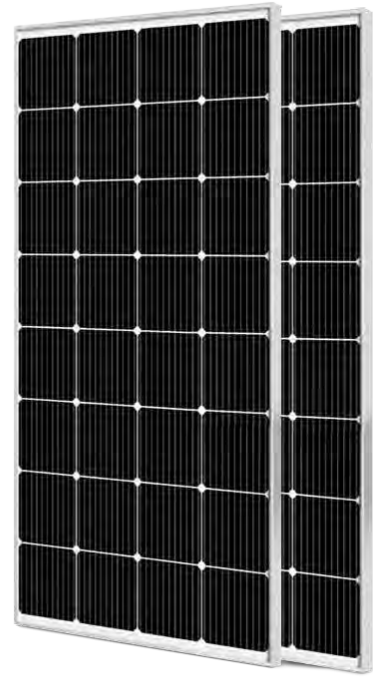
MODEL	MP-4880	MP-48100
PV INPUT(PV)		
Maximum PV Voltage(VOC)	155V	
System Voltage	12V/24V/48V auto;36V set	
MPPT Voltage Range	Battery voltage+3V-120V	
Suggest Input VOC Voltage	PV array open circuit voltage 22V/40V/60V/80V for system 12V/24V/36V/48V	
Number Of MPPT Trackers	1	
MAX. PV INPUT POWER		
12V	1200W	1500W
24V	2400W	3000W
36V	3600W	4500W
48V	4800W	6000W
CHARGER OUTPUT(DC)		
Max.Output Current(revisable)	80A	100A
Rated Load Current	25A	
Max.Capacitive Load Capacity	10000uF	
Applicable Battery Type (ex-factory default lead-acid battery)	SLD (sealed lead-acid battery)/GEL (gelled lead-acid battery)/ FLD (flooded lead-acid battery)/LFP(lithium iron phosphate battery)/NCM(ternary lithium battery)/USE(customize)	
EFFICIENCY		
Max.Efficiency	<98%	
MPPT Efficiency	>99%	
PROTECTION		
Protect Function	Input highvoltage protection ,output high/low voltage protection, PV/BAT anti-reverse connection protection, load over current protection,load short circuit protection, overtemperature protection, etc.	
REGULAR DATA		
Unloaded Loss	≤2.3W	
Operating Temperature	-20°C~+50°C	
Dimension.D*W*H(mm)	292*207*87mm	
Net Weight (kgs)	3,0kg	3.1kg
Elevation Height	0% to 95%(No condensat)	
Cooling Concept	Fan	
IP Rate	IP 20	
Communication Interface	RS232(Extensible interface)	

Overview >>>



Solar Panel

MS - SERIES



ENERGY SYSTEM SOLUTIONS



Product Parameter >>>

Half-cut Single solar panel

Type	Model	Maximum Power (Pmax/W)	Dimensions (mm)	Weight (KG)	Maximum Power Voltage (Vmp/V)	Maximum Power Current (Imp/A)	Open Circuit Voltage (Voc/V)	Short Circuit Current (Isc/A)
MONO	MS-400	400W	1722*1134*30MM	21.5KG	30.65	13.06	37.06	13.78
MONO	MS-450	450W	1909*1134*30MM	23.9KG	34.67	12.98	41.25	13.89
MONO	MS-550	550W	2279*1134*35MM	27.3KG	41.97	13.11	49.95	14.05

MONO Solar Panel

Type	Model	Maximum Power (Pmax/W)	Dimensions (mm)	Weight (KG)	Maximum Power Voltage (Vmp/V)	Maximum Power Current (Imp/A)	Open Circuit Voltage (Voc/V)	Short Circuit Current (Isc/A)
MONO	MS-265	265W	1530*760*35MM	11.3KG	18.24	13.16	21.80	13.95
MONO	MS-325	325W	1290*1134*35MM	14.5KG	34.20	8.77	41.04	9.30

System Configuration	3.5kw System	5.5kw System	8kw System	10kw System
MAX PV INPUT	HIP 4000 /HIS 5000	HIP 6000 /HIS 6000	8200	10200
PV Module	1.6KW-3.3KW/4.95KW	3.3KW-5.5KW	5.5KW-7.7KW	8.8KW-9.9KW
550W No. PV modules (pcs)	3--6/9	6--10	10--14	16--18
Effective Roof Area Approx.	8.5--17/ 25 M ²	17--28 M ²	28--39M ²	45--50 M ²
Inverter	3.5KW*1set	5.5KW*1set	8KW*1set	10KW*1set
Battery	5-10KWH/15KWH	10-20KWH	20KWH--30KWH	30KWH--36KWH
Cable set	1set	1set	1set	1set
Mounting Structure set	1set	1set	1set	1set
Cloud & APP	1set	1set	1set	1set
iBox	1set	1set	1set	1set
Power Generation	5-10/15kWh/Day 1825-3650/5475kWh/Year	10-20kWh/Day 3650-7300kWh/Year	20-30kWh/Day 7300-10950kWh/Year	30-36kWh/Day 10950-13140kWh/Year
Carbon Dioxide Emission Reduction	Reduce carbon dioxide 3.6/5.4ton per year	Reduce carbon dioxide 7.3ton per year	Reduce carbon dioxide 10.9ton per year	Reduce carbon dioxide 13.4ton per year

PRODUCT CASE

Quality service, selected products



20-25KW Household energy storage

Beirut, Lebanon, Home energy storage



15-20KW Household energy storage

Yangon, Myanmar, Home energy storage



18KW Household energy storage

Yangon, Myanmar, Home energy storage

PRODUCT CASE

Quality service, selected products



10KW-15KW Household energy storage

Cape Town, South Africa, Home energy storage



EXHIBITION



PRODUCT CERTIFICATION



UL



ISO



CE



MSDS



UN38.3



IEC

TECHNOLOGY EXCHANGE



Communication

Communication brand >>> 16+

