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XUZHOU
Xuzhou Longyuntong Import and Export Co., LTD

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SEMI-SOLID STATE BATTERY AND ENERGY STORAGE CABINET

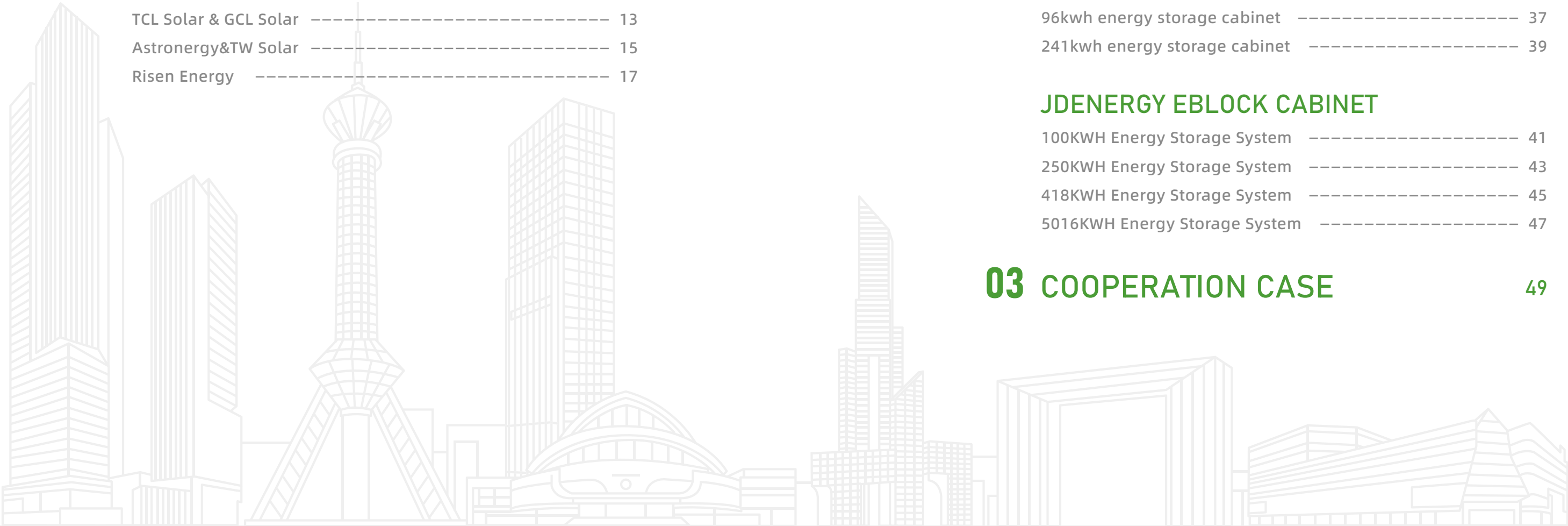
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COMPANY PROFILE

Xuzhou Longyun Tong Import & Export Co., Ltd. is one of the mature trading companies in the Chinese solar energy industry. We agent top brands, such as LonGi, Aiko,Jinko, Trina ,JA,TW,Solis ,Goodwe,Solplanet.

We provide solar panels, inverters, storage batteries and storage energy cabiets. We also provide the household and commercial system plan for our clients.

We have technical engineers to support the whole solar energy projects and finished a lot megawatt solar energy projects, now we are focusing on growing our overseas market and servicing more energy projects.

CORPORATE HISTORY

ENTERPRISE HONORS



2026.5
ESS PILIPINAS



2025.8
PV GUANGZHOU EXHIBITION
Customers seek quotes the next day

2025.6
SNEC SHANGHAI EXHIBITION
All-black aesthetic components + balcony energy storage system



2024.11
FOREIGN TRADE DEPARTMENT ESTABLISHED
Sustainable development, committed to transactions, win-win cooperation

2024
SALES EXCEEDED 2.4 BILLION
JinkoSolar ranked first in China in terms of module shipments;
JinkoSolar ranked first in China in terms of N-type module shipments;
Ginlong ranked first in China in terms of inverter shipments.

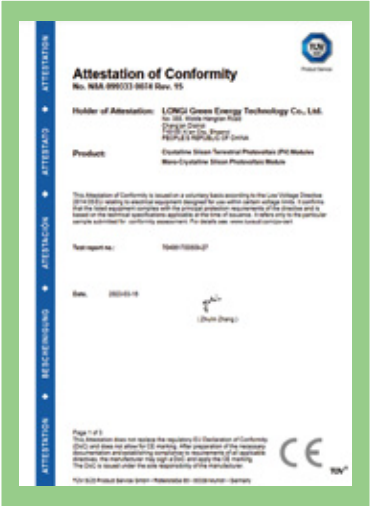


2022
SIGNING LEADING INDUSTRIES-LONGI
PV panel shipments reached 500 MV,
inverter shipments reached 750 MV

2021
AGENT OF FIRST-LINE BRANDS
Risen,Trina,Solis,Jinko,
PV panel shipments reached 400 MV,
inverter shipments reached 700 MV.



2018
ESTABLISHED IN
From 0 to 1, Starting from photo-voltaic panels.





GLOBALIZATION

★ Company Headquarters ● Branch 📍 Market Area

Branch Location: Chongqing, Suzhou, Guangzhou, Zhengzhou, Shanghai

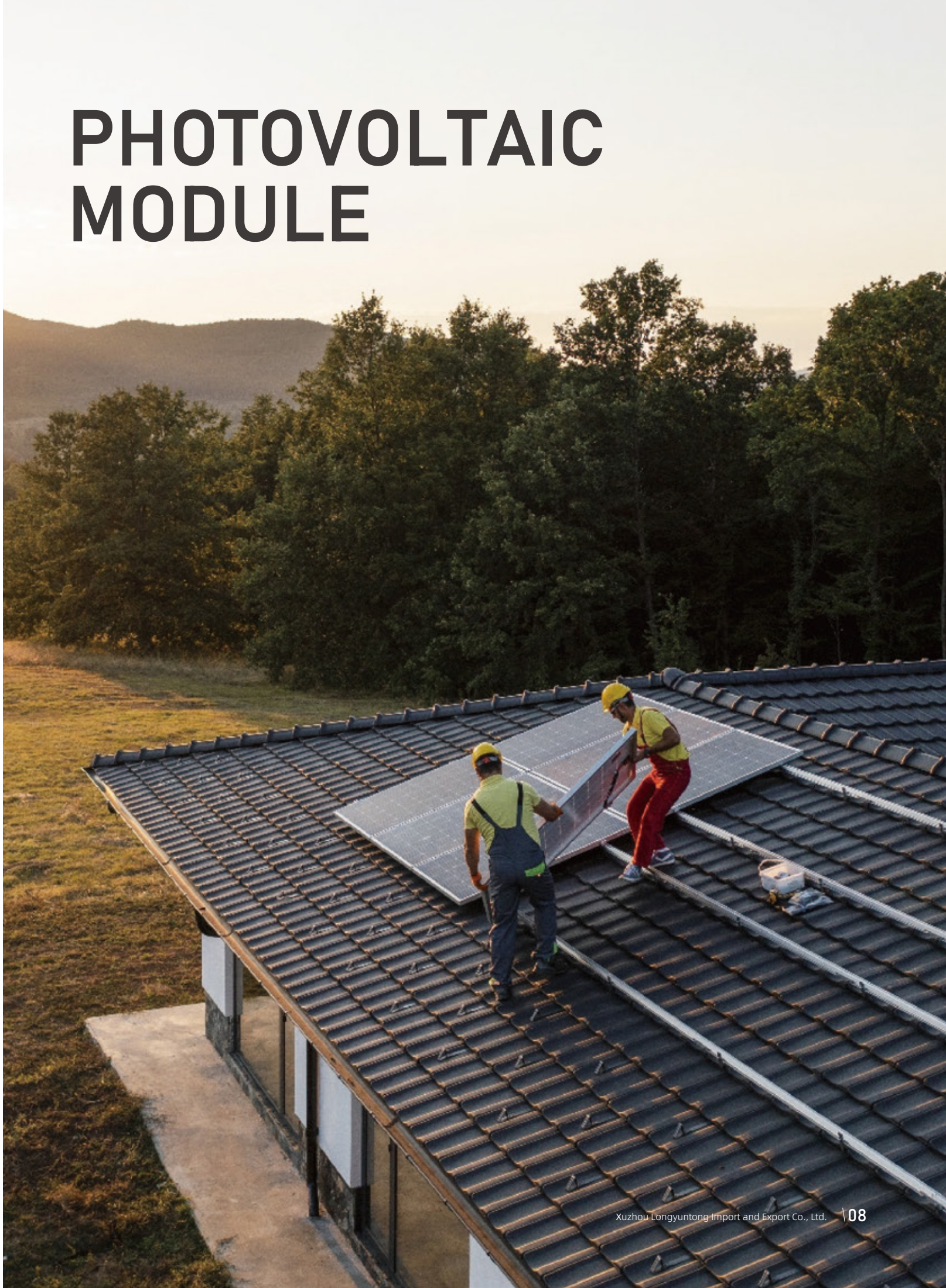


BRAND COOPERATION

The company has established long-term strategic partnerships with photovoltaic solar companies such as Aiko, Sungrow , JA Solar, Solis, GCL , Jinko, GoodWe, Canadian, TCL , AST, TW Solar, Risen , Trina, Aiswei, Trina Solar, and Longi.(Companies are listed in no particular order.)

PHOTOVOLTAIC MODULE



72HL4M-V One side

Maximum power	Module efficiency
580-605W	23.4%

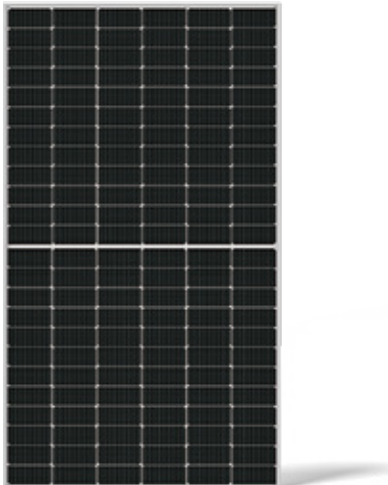
2278*1134*30mm



HI-MO-4-LR4-72HPH

Maximum power	Module efficiency
445-465W	21.4%

2094*1033*35mm



78HL4-BDV Double-sided

Maximum power	Module efficiency
615-635W	22.72%

2465*1134*30mm



HI-MO-X10-LR7-72HVHF

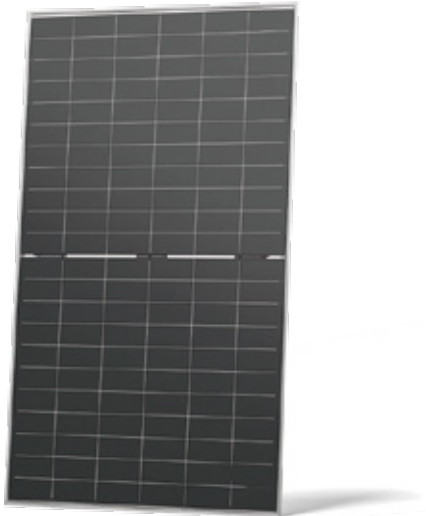
Maximum power	Module efficiency
640-670W	24.8%

2382*1134*30mm

66HL5-BDV Double-sided

Maximum power	Module efficiency
710-735W	23.66%

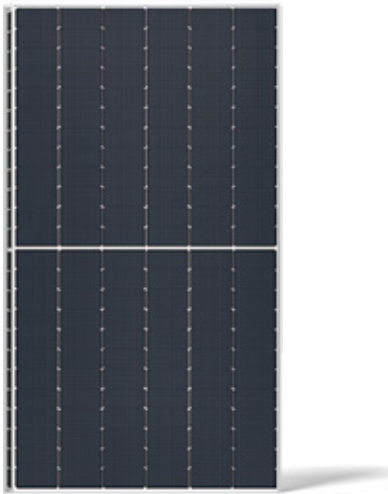
2384*1303*33mm



HI-MO-7-LR7-72HGD

Maximum power	Module efficiency
595-625W	23.1%

2382*1134*30mm



JAM72D42 LB

Maximum power	Module efficiency
615-640W	22.9%

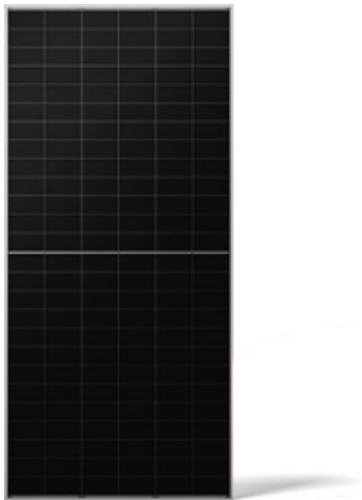
2465*1134*35mm



COMET-3N72-MONO

Maximum power	Module efficiency
655-680W	25.2%

2382*1134*30mm



JAM72D30 LB

Maximum power	Module efficiency
555-580W	21.9%

2333*1134*30mm



NEOSTAR-2N-MONO

Maximum power	Module efficiency
450-485W	24.3%

1757*1134*30mm

JAM60S40 LR

Maximum power	Module efficiency
485-510W	23%

1953*1134*30mm



COMET-2N72

Maximum power	Module efficiency
600-625W	23.7%

2323*1134*30mm



G12R-66P

Maximum power	Module efficiency
605-630W	23.3%

2382*1134*30mm



GCL-NT12/66GDF

Maximum power	Module efficiency
705-730W	23.5%

2384*1303*33mm



G11RA-72P

Maximum power	Module efficiency
630-660W	24.4%

2382*1134*30mm



GCL-NT10/78GDF

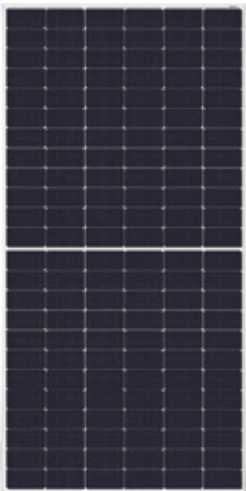
Maximum power	Module efficiency
630-650W	23.25%

2465*1134*30mm

T CLASS POWER

Maximum power	Module efficiency
700-725W	23.3%

2384*1303*33mm



GCL-NT12R/66GDF

Maximum power	Module efficiency
605-625W	23.14%

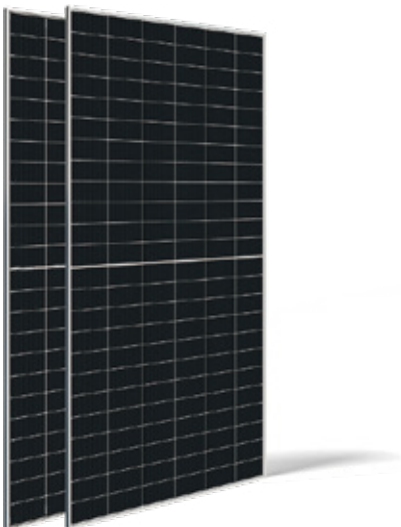
2382*1134*30mm



N5-CHSM72N(DG)/F-BH

Maximum power	Module efficiency
580-600W	23.2%

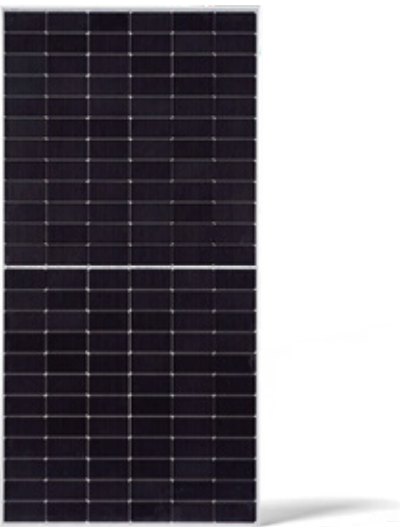
2278*1134*30mm



TWMNF-66HD

Maximum power	Module efficiency
700-720W	23.2%

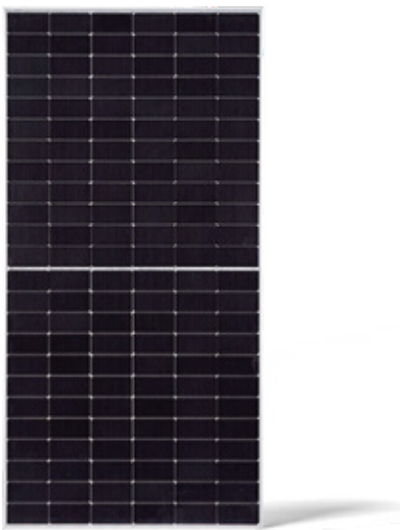
2384*1303*33mm



N8-CHSM66N(DG)/F-BH

Maximum power	Module efficiency
695-720W	23.2%

2384*1303*33mm



TWMND-78HD

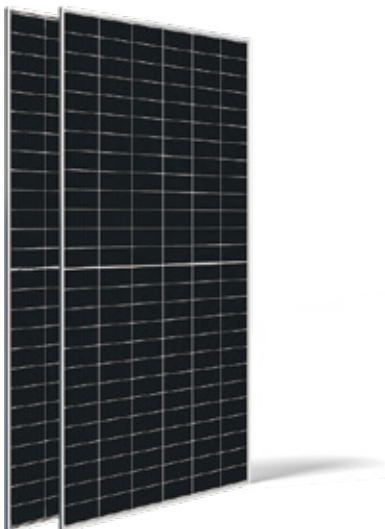
Maximum power	Module efficiency
625-645W	23.1%

2465*1134*30mm

N5-CHSM78N(DG)/F-BH

Maximum power	Module efficiency
625-650W	23.3%

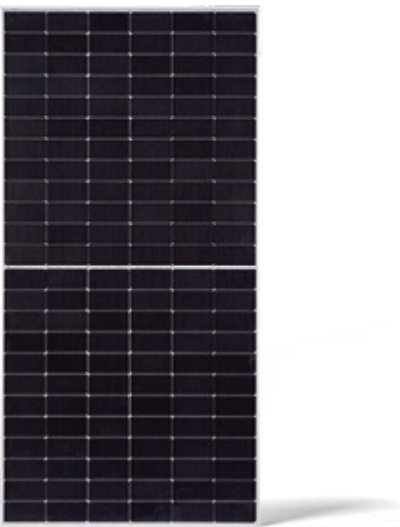
2465*1134*30mm



TWMND-72HD

Maximum power	Module efficiency
560-580W	22.5%

2278*1134*35mm





RSM144-10-615

Maximum power	Module efficiency
590-615W	22.8%

2382*1134*30mm



RSM132-8

Maximum power	Module efficiency
720-740W	23.8%

2384*1303*33mm



RSM156-9-635

Maximum power	Module efficiency
610-635W	22.7%

2465*1134*30mm



ENERGY STORAGE INVERTER



ET SERIES

25-50kW | Three Phase | 3/4 MPPTs
Hybrid Inverter (HV)

GoodWe's ET Series inverters, available in 25-50kW capacities, are designed for commercial and industrial PV installations. These adaptable inverters seamlessly integrate into both on-grid and off-grid applications, facilitating parallel connections in either scenario. When paired with the Static Transfer Switch (STS) Box from GoodWe, the inverter not only ensures dependable UPS-level switching to backup mode but also interacts with diesel generators to efficiently replenish batteries. Moreover, the ET Series is compatible with diverse battery capacities and brands, including the GoodWe Lynx C, offering a comprehensive energy storage solution.



Flexible & Adaptable Applications

- Supports parallel connection in both on- and off-grid modes
- Up to 150% DC input oversizing
- 4 MPPTs, Max. efficiency up to 98.1%



Smart Control & Monitoring

- 110% unbalanced output
- UPS-level switching



Superb Safety & Reliability

- Optional Type I+II SPD on DC side¹
- IP66 protection for outdoor installation safety
- AFCI optional¹



Friendly & Thoughtful Design

- Elegant and compact design
- Plug & Play installations

Technical Data	GW25K-ET-10 ⁶	GW30K-ET-10 ⁶	GW40K-ET-10	GW50K-ET-10
Battery Input Data				
Battery Type ¹⁴			Li-Ion	
Nominal Battery Voltage (V)			500	
Battery Voltage Range (V)			200 ~ 800	
Start-up Voltage (V)			200	
Number of Battery Input			1	
Max. Continuous Charging Current (A)			100	
Max. Continuous Discharging Current (A)			100	
Max. Charging Power (W)	27500	33000	44000	55000
Max. Discharging Power (W)	27500	33000	44000	55000
PV String Input Data				
Max. Input Power (W) ¹¹	50000	60000	60000	75000
Max. Input Voltage (V) ³			1000	
MPPT Operating Voltage Range (V) ¹⁵			165 ~ 850	
Start-up Voltage (V)			200	
Nominal Input Voltage (V)			620	
Max. Input Current per MPPT (A)	42 / 32 / 42	42 / 32 / 42	42 / 32 / 42	42 / 32 / 42 / 32
Max. Short Circuit Current per MPPT (A)	55 / 42 / 55	55 / 42 / 55	55 / 42 / 55	55 / 42 / 55 / 42
Number of MPP Trackers	3	3	3	4
Number of Strings per MPPT			2	
AC Output Data (On-grid)				
Nominal Output Power (W)	25000	30000	40000	50000
Nominal Apparent Power Output to Utility Grid (VA)	25000	30000	40000	50000
Max. Apparent Power Output to Utility Grid (VA)	25000	30000	40000	50000
Max. Apparent Power from Utility Grid (VA)	25000	30000	40000	50000
Nominal Output Voltage (V)			380 / 400, 3L / N / PE	
Output Voltage Range (V) ²			176 ~ 276	
Nominal AC Grid Frequency (Hz)			50 / 60	
AC Grid Frequency Range (Hz)			45 - 55 / 55 - 65	
Max. AC Current Output to Utility Grid (A)	37.9 @ 380V 36.3 @ 400V	45.5 @ 380V 43.6 @ 400V	60.6 @ 380V 58.0 @ 400V	75.8 @ 380V 72.5 @ 400V
Max. AC Current From Utility Grid (A)	37.9 @ 380V 36.3 @ 400V	45.5 @ 380V 43.6 @ 400V	60.6 @ 380V 58.0 @ 400V	75.8 @ 380V 72.5 @ 400V
Power Factor		~1 (Adjustable from 0.8 leading to 0.8 lagging)		
Max. Total Harmonic Distortion		<3%		
AC Output Data (Back-up)*requires additional STS box				
Back-up Nominal Apparent Power (VA)	25000	30000	40000	50000
Max. Output Apparent Power (VA)	27500 (30000 @ 60s, 37500 @ 10s)	33000 (36,000 @ 60s, 45000 @ 10s)	44000 (48000 @ 60sec, 60000 @ 10sec)	55000 (60000 @ 60sec, 75000 @ 10sec)
Max. Output Current (A)	41.7 @ 380V 39.8 @ 400V	50.0 @ 380V 47.8 @ 400V	66.7 @ 380V 63.8 @ 400V	83.3 @ 380V 79.7 @ 400V
Nominal Output Voltage (V)			380 / 400, 3L / N / PE	
Nominal Output Frequency (Hz)			50 / 60	
Output THDv (@Linear Load)			<3%	
Efficiency				
Max. Efficiency			98.1%	
European Efficiency			97.5%	
Max. Battery to AC Efficiency			97.7%	
MPPT Efficiency			99.0%	
Protection				
Residual Current Monitoring			Integrated	
PV Reverse Polarity Protection			Integrated	
Battery Reverse Polarity Protection			Integrated	
Anti-islanding Protection			Integrated	
AC Overcurrent Protection			Integrated	
AC Short Circuit Protection			Integrated	
AC Overvoltage Protection			Integrated	
DC Switch			Integrated	
DC Surge Protection	Type II	Type II	Type II	Type II (Type I + II Optional)
AC Surge Protection			Type II	
AFCI			Optional	
Remote Shutdown			Integrated	
General Data				
Operating Temperature Range (°C)			-35 ~ +60	
Relative Humidity			0 ~ 95%	
Max. Operating Altitude (m)			4000	
Cooling Method			Smart Fan Cooling	
User Interface			LED,WLAN+APP	
Communication with BMS			CAN	
Communication with Meter			RS485	
Communication with Portal		RS485, WiFi + LAN + Bluetooth,4G + Bluetooth (Optional)		
Weight (kg)	62	62	62	65
Dimension (W x H x D mm)			520x 660x 260	
Topology			Non-isolated	
Self-consumption at Night (W)			<15	
Ingress Protection Rating			IP66	
Mounting Method			Wall Mounted	



75-125K

SOLARATOR SERIES

Experience Uninterrupted Power with Solis Energy Storage Inverters

S6-EH3P(75-125)K10-NV-YD-H

Three Phase | High Voltage



12 Unique Advantages

- ★ Supports up to 2x rated PV input, maximizing solar energy utilization
- ★ Supports a maximum string input current of 21A, ensuring compatibility with high-power PV modules
- ★ Compatible with 100–314Ah battery modules, reducing overall system costs
- ★ Supports fast battery charging with a maximum charging current of 200A
- ★ Two independent battery ports for flexible configurations and easy capacity expansion
- ★ Delivers 160% overload for 200ms in off-grid mode, ensuring stable startup of heavy loads
- ★ Offers flexible control for weak grid and genset-hybrid scenarios, reducing investment costs
- ★ SolisCloud: Smart remote control, AI optimisation, and instant troubleshooting - all in one platform
- ★ Integrates PV and storage for demand management and anti-reverse flow functions
- ★ Provides dynamic reactive power compensation to improve grid power factor and reduce reactive power charges
- ★ Utility bypass function allows direct grid supply to backup loads
- ★ Patented cooling technology ensures reliable operation even under high-temperature conditions

6 Leading Advantages

- Supports both DC and AC coupling, for flexible retrofits and system expansions
- Ensures reliable backup power across diverse scenarios through battery reserve management
- Extends supply time for critical loads with intelligent load prioritization
- Offers a versatile three-in-one interface for seamless integration of on-grid PV, wind power, and diesel generators
- Achieves on- and off-grid transitions in less than 10ms, ensuring an uninterrupted power supply
- Supports multi-unit parallel operation up to 1.25MW (Solis STS cabinet recommended for systems over 6 units)

DATASHEET

Models	75K	80K	99.9K	100K	125K
Input DC (PV side)					
Recommended max. PV array size	150 kW	160 kW	200 kW	200 kW	250 kW
Max. usable PV input power	150 kW	160 kW	200 kW	200 kW	250 kW
Max. input voltage	1000 V				
Rated voltage	600 V				
Start-up voltage	180 V				
MPPT voltage range	150 - 950 V				
Max. input current	10 × 42 A				
Max. short circuit current	10 × 60 A				
MPPT number / Max. input strings number	10 / 20				
Battery					
Battery type	Li-ion				
Battery voltage range	300 - 950 V				
Max. charge / discharge current	200 A / 100 A + 100 A				
Number of battery ports	2				
Max. charge / discharge current of each port	100 A				
Communication	CAN / RS485				
Output AC (Grid side)					
Rated output power	75 kW	80 kW	99.9 kW	100 kW	125 kW
Max. apparent output power	75 kVA	80 kVA	99.9 kVA	100 kVA	125 kVA
Rated grid voltage	3/N/PE, 220 V / 380 V, 230 V / 400 V				
Rated grid frequency	50 Hz / 60 Hz				
Rated grid output current	114 A / 108.3 A	121.6 A / 115.5 A	151.8 A / 144.2 A	151.9 A / 144.3 A	189.9 A / 180.4 A
Power factor	> 0.99 (0.8 leading - 0.8 lagging)				
THDi	< 3%				
Input AC (Grid side)					
Max. input current	250 A				
Output AC (Back-up)					
Rated output power	75 kW	80 kW	99.9 kW	100 kW	125 kW
Max. apparent output power	75-100K: 1.2 times of rated power, 10 mins; 1.4 times of rated power, 100 s; 1.6 times of rated power, 10 s; 2 times of rated power, 200 ms; 125K: 1.2 times of rated power, 100 s; 1.4 times of rated power, 10 s; 1.6 times of rated power, 200 ms				
Back-up switch time	< 10 ms				
Rated output voltage	3/N/PE, 220 V / 380 V, 230 V / 400 V				
Rated frequency	50 Hz / 60 Hz				
THDv (@linear load)	< 2%				
Input AC (Generator)					
Max. input power	75 kW	80 kW	99.9 kW	100 kW	125 kW
Rated input current	114.0 A / 108.3 A	121.6 A / 115.5 A	151.8 A / 144.2 A	151.9 A / 144.3 A	189.9 A / 180.4 A
Rated input voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V				
Rated input frequency	50 Hz / 60 Hz				
Efficiency					
Max. efficiency	97.6%				
EU efficiency	97.2%				
BAT charged / discharged to AC max. efficiency	97.0%				
Protection					
Anti-islanding protection	Yes				
Output over current protection	Yes				
Short circuit protection	Yes				
Integrated DC switch	Yes				
DC reverse-polarity protection	Yes				
Surge protection	DC Type II / AC Type II				
Integrated AFCI 2.0	Yes	Optional		Optional (Brazil: Yes)	
Protection class / Over voltage category	I/ DC II, AC III				
General Data					
Max. allowable phase imbalance (grid & back-up)	100%				
Max. power per phase (grid & back-up)	25.00 kW	26.66 kW	33.3 kW	33.33 kW	41.66 kW
Dimensions (W × H × D)	1174 × 814 × 400 mm				
Weight	170 kg				
Topology	Transformerless				
Operating ambient temperature range	-25 ~ +60°C				
Relative humidity	0 - 100%				
Ingress protection	IP66				
Cooling concept	Intelligent fan-cooling				
Max. operation altitude	3000 m				
Grid connection standard	G99, VDE-AR-N 4105/VDE V 0124, EN 50549-1&2/EN 50549-10, VDE 0126/UTE C 15/VFR:2019, NTS 631/RD 1699/RD 244/UNE 206006/UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, TOR, EIFS 2018.2, IEC 62116, IEC 61727, IEC 60068, IEC 61683, EN 50530, MEA, PEA,PORTARIA N° 140, DE 21 DE MARÇO DE 2022; Brazil (75K: ORDINANCE (PORTARIA) NO.140, ORDINANCE NO. 515; 100K/125K: NBR 16149, NBR 16150, IEC 62116)				
Safety / EMC standard	IEC/EN 62109-1/-2, IEC/EN 61000-6-2/-4, EN 55011				
Features					
PV connection	MC4 Quick connection plug				
Battery connection	Terminal connector				
AC connection	Terminal block				
Display	7.0" LCD display & Bluetooth + APP				
Communication	CAN, RS485-115200, Ethernet, Optional: Wi-Fi, Cellular, LAN				



30-50K

SOLARATOR SERIES

Experience Uninterrupted Power with Solis Energy Storage Inverters

S6-EH3P(30-50)K-H-ND

Three Phase | High Voltage



8 Unique Advantages

- ★ Supports up to 2x rated PV input, maximizing solar energy utilization
- ★ Supports a maximum string input current of 20A, ensuring compatibility with high-power PV modules
- ★ Compatible with 100–280Ah battery modules, reducing overall system costs
- ★ Supports fast battery charging with a maximum charging current of 140A
- ★ Two independent battery ports for flexible configurations and easy capacity expansion
- ★ Delivers 160% overload for 2s in off-grid mode, ensuring stable startup of heavy loads
- ★ Supports generator input across a wide range (20%–100% of rated power), reducing investment costs
- ★ SolisCloud: Smart remote control, AI optimisation, and instant troubleshooting - all in one platform

6 Leading Advantages

- Supports both DC and AC coupling, for flexible retrofits and system expansions
- Ensures reliable backup power across diverse scenarios through battery reserve management
- Extends supply time for critical loads with intelligent load prioritization
- Offers a versatile three-in-one interface for seamless integration of on-grid PV, wind power, and diesel generators
- Achieves on- and off-grid transitions in less than 10ms, ensuring an uninterrupted power supply
- Supports multi-unit parallel operation up to 500kW (Solis STS cabinet recommended for systems over 6 units)

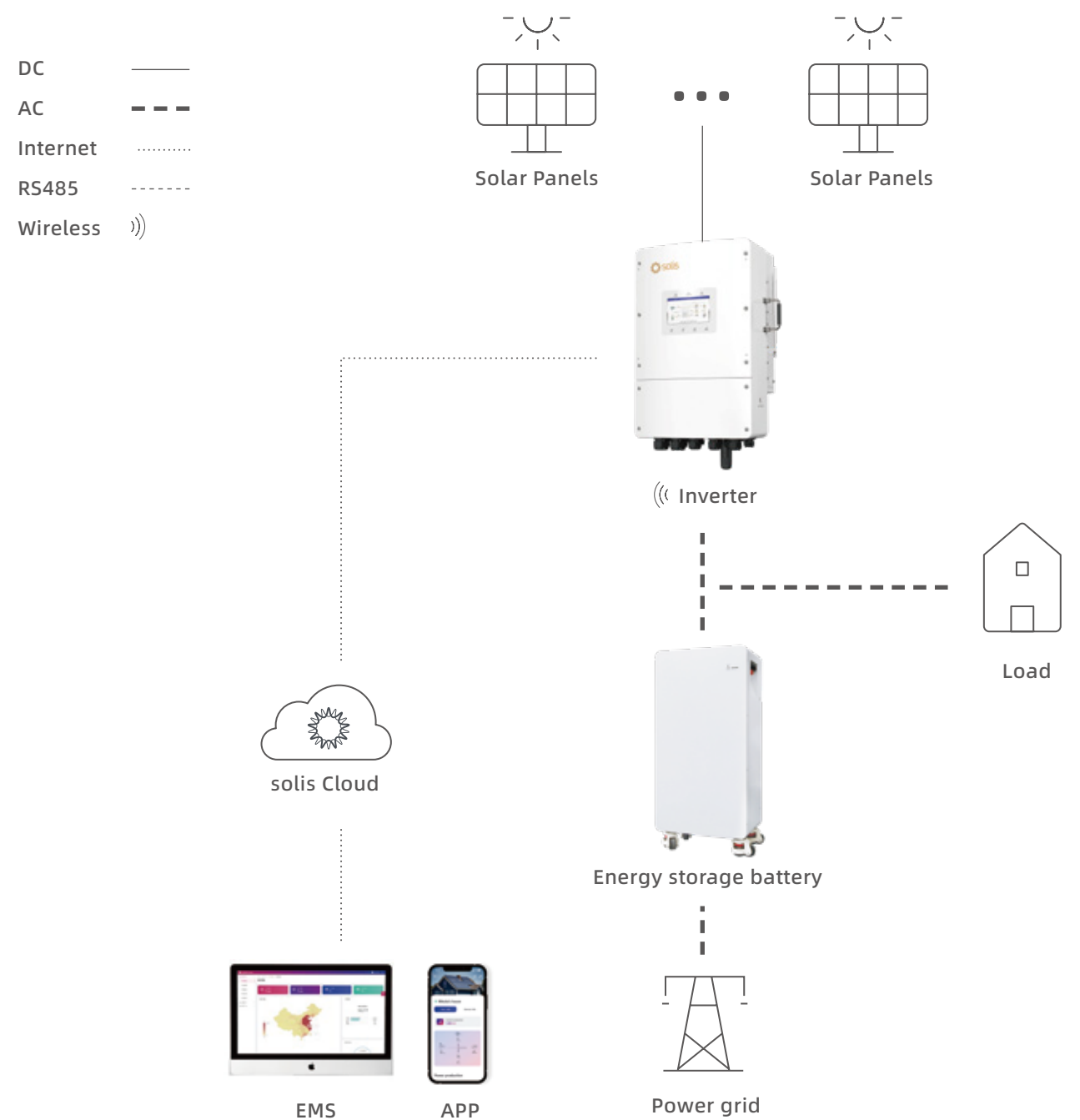
DATASHEET

Models	30K		40K		49K		50K	
Input DC (PV side)								
Recommended max. PV array size	60 kW		80 kW		98 kW		100 kW	
Max. usable PV input power	60 kW		80 kW		96 kW		96 kW	
Max. input voltage					1000 V			
Rated voltage					600 V			
Start-up voltage					180 V			
MPPT voltage range					150 - 850 V			
Max. input current	40 A / 40 A / 40 A				4 × 40 A			
Max. short circuit current	60 A / 60 A / 60 A				4 × 60 A			
MPPT number / Max. input strings number	3 / 6				4 / 8			
Battery								
Battery type					Li-ion			
Battery voltage range					150 - 800 V			
Max. charge / discharge power	33 kW		44 kW		53.9 kW		55 kW	
Max. charge / discharge current					70 A × 2 ^①			
Number of battery ports					2			
Max. charge / discharge power of each input	33 kW		35 kW		35 kW		35 kW	
Communication					CAN / RS485			
Output AC (Grid side)								
Rated output power	30 kW		40 kW		49 kW		50 kW	
Max. apparent output power	30 kVA		40 kVA		49 kVA		50 kVA	
Rated grid voltage					3/N/PE, 220 V / 380 V, 230 V / 400 V			
Rated grid frequency					50 Hz / 60 Hz			
Rated grid output current	45.6 A / 43.3 A		60.8 A / 57.7 A		74.5 A / 70.7 A		76 A / 72.2 A	
Max. output current	45.6 A / 43.3 A		60.8 A / 57.7 A		74.5 A / 70.7 A		76 A / 72.2 A	
Power factor					> 0.99 (0.8 leading - 0.8 lagging)			
THDi					< 3%			
Input AC (Grid side)								
Max. AC passthrough current	91.2 A / 86.6 A		121.6 A / 115.4 A		149 A / 141.4 A		152 A / 144.4 A	
Rated input voltage					3/N/PE, 220 V / 380 V, 230 V / 400 V			
Rated input frequency					50 Hz / 60 Hz			
Input Generator								
Max. input power	30 kW		40 kW		49 kW		50 kW	
Rated input current	45.6 A / 43.3 A		60.8 A / 57.7 A		74.5 A / 70.7 A		76 A / 72.2 A	
Rated input voltage					3/N/PE, 220 V / 380 V, 230 V / 400 V			
Rated input frequency					50 Hz / 60 Hz			
Output AC (Back-up)								
Rated output power	30 kW		40 kW		49 kW		50 kW	
Max. apparent output power					1.6 times of rated power, 2 s			
Back-up switch time					< 10 ms			
Rated output voltage					3/N/PE, 220 V / 380 V, 230 V / 400 V			
Rated frequency					50 Hz / 60 Hz			
Rated output current	45.6 A / 43.3 A		60.8 A / 57.7 A		74.5 A / 70.7 A		76 A / 72.2 A	
THDv (@linear load)					< 2%			
Efficiency								
Max. efficiency					97.8%			
EU efficiency					97.4%			
BAT charged by PV max. efficiency					98.5%			
BAT charged / discharged to AC max. efficiency					97.5%			
Protection								
Anti-islanding protection					Yes			
Output over current protection					Yes			
Short circuit protection					Yes			
Integrated DC switch					Yes			
DC reverse-polarity protection					Yes			
Surge protection					DC Type II / AC Type II			
Integrated AFCI 2.0					Optional			
General Data								
Dimensions (W × H × D)					530 × 880 × 290 mm			
Weight					73 kg			
Topology					Transformerless			
Self-consumption (night)					< 35 W			
Operating ambient temperature range					-25 ~ +60°C			
Relative humidity					0 - 100%			
Ingress protection					IP66			
Cooling concept					Intelligent fan-cooling			
Max. operation altitude					4000 m			
Grid connection standard	G99, VDE-AR-N 4105/VDE V 0124, EN 50549-1/EN 50549-10, VDE 0126/UTE C 15/VFR:2019, NTS 631/RD 1699/RD 244/UNE 206006/UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, TOR, EIFS 2018.2, IEC 62116, IEC 61727, IEC 60068, IEC 61683, EN 50530, MEA, PEA, PORTARIA Nº 140, DE 21 DE MARÇO DE 2022							
Safety / EMC standard	IEC/EN 62109-1/-2, IEC/EN 61000-6-2/-4, EN 55011							
Features								
PV connection	MC4 Quick connection plug							
Battery connection	Terminal connector							
AC connection	Terminal Block							
Display	LED indicator & Bluetooth + APP							
Communication	CAN, RS485, Ethernet, Optional: Wi-Fi, Cellular, LAN							

CUSTOMIZED SOLUTION FOR SMART HOME MICRO-LIGHT STORAGE SYSTEM

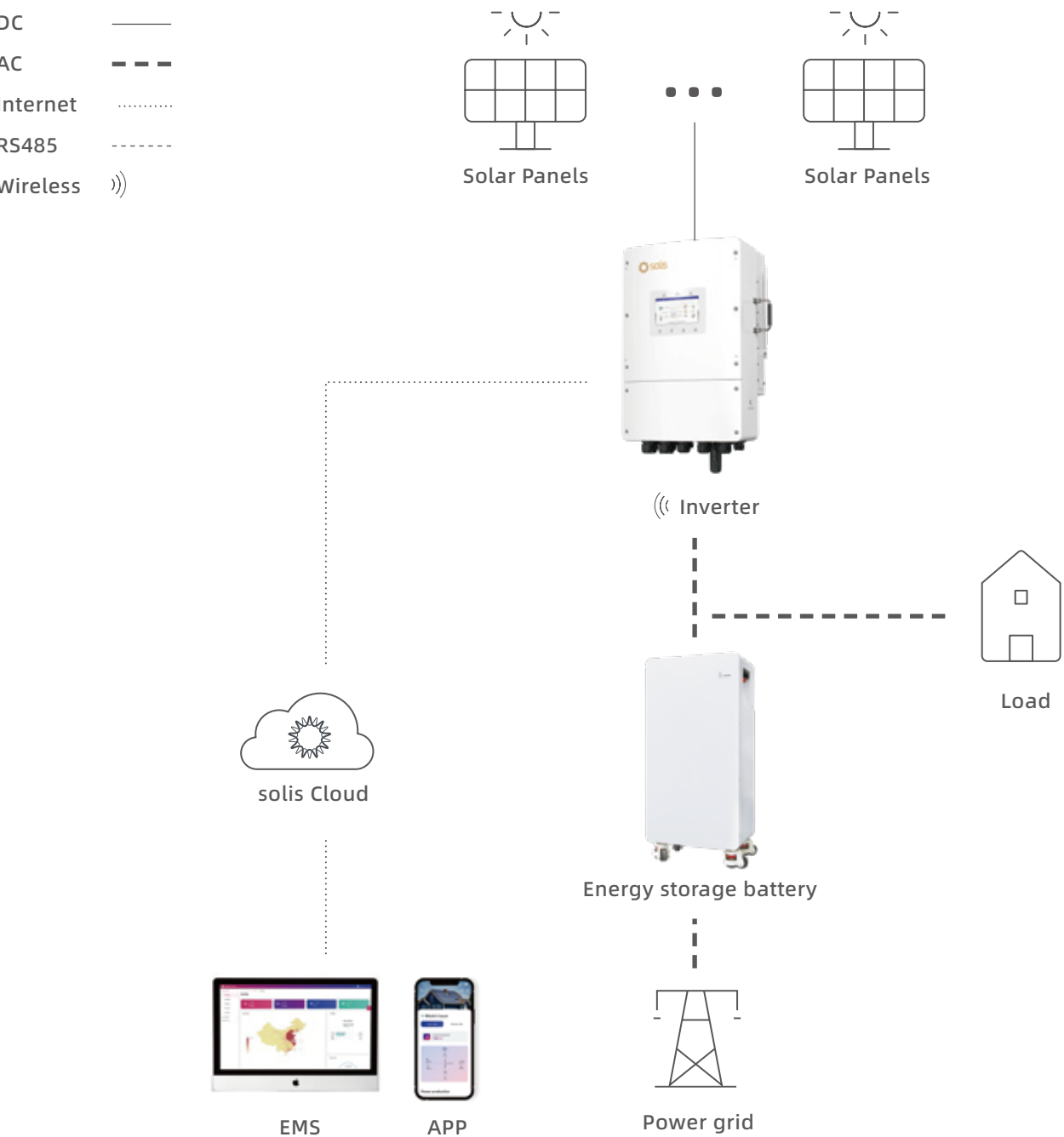
Applicable roof area of about 50m²

8KW 16KWH package		Intelligent energy controller	8KW X 1set
Solis hybrid inverter	8KW	Smart Photovoltaic APP	1 set
New semi-solid state battery	16KWH	Daily power generation	> 20 degrees



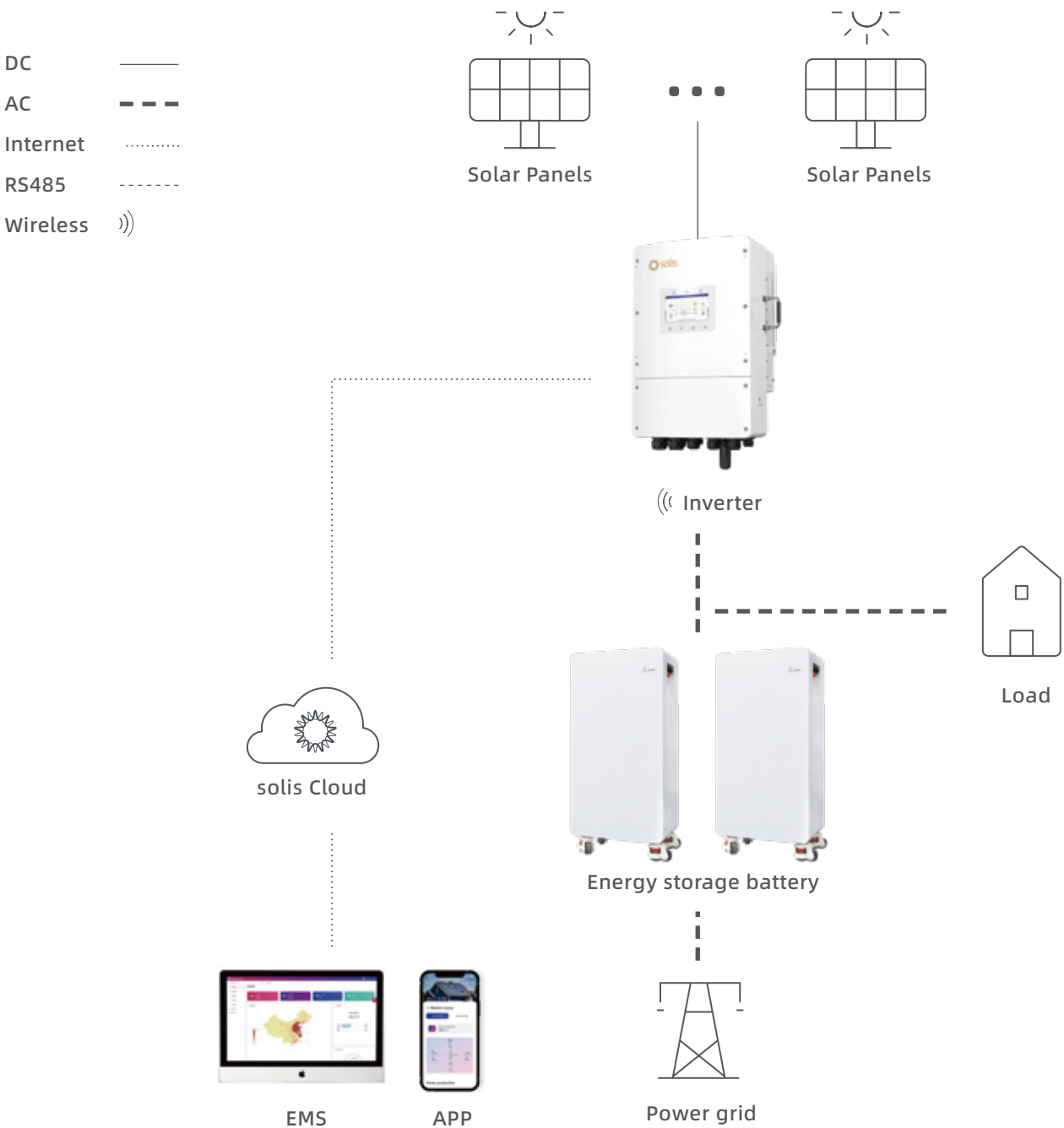
Applicable roof area of about 80m²

12KW 16KWH package		Intelligent energy controller	12KW X 1set
Solis hybrid inverter	12KW	Smart Photovoltaic APP	1 set
New semi-solid state battery	16KWH	Daily power generation	> 20 degrees



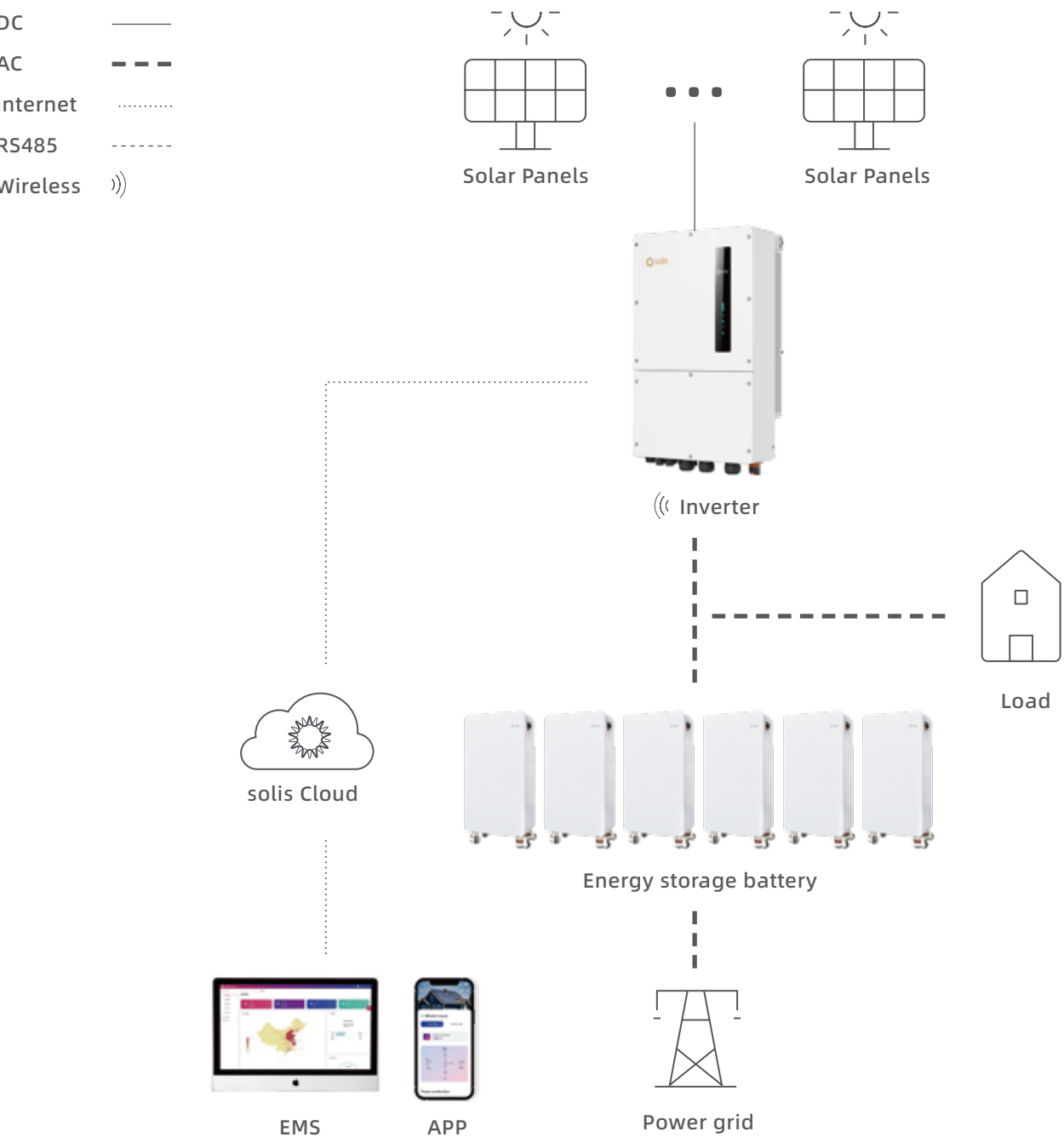
Applicable roof area of about 100m²

15KW 32KWH package		Intelligent energy controller	15KW X 1set
Solis hybrid inverter	15KW	Smart Photovoltaic APP	1 set
New semi-solid state battery	16KWH X 2set	Daily power generation	> 20 degrees



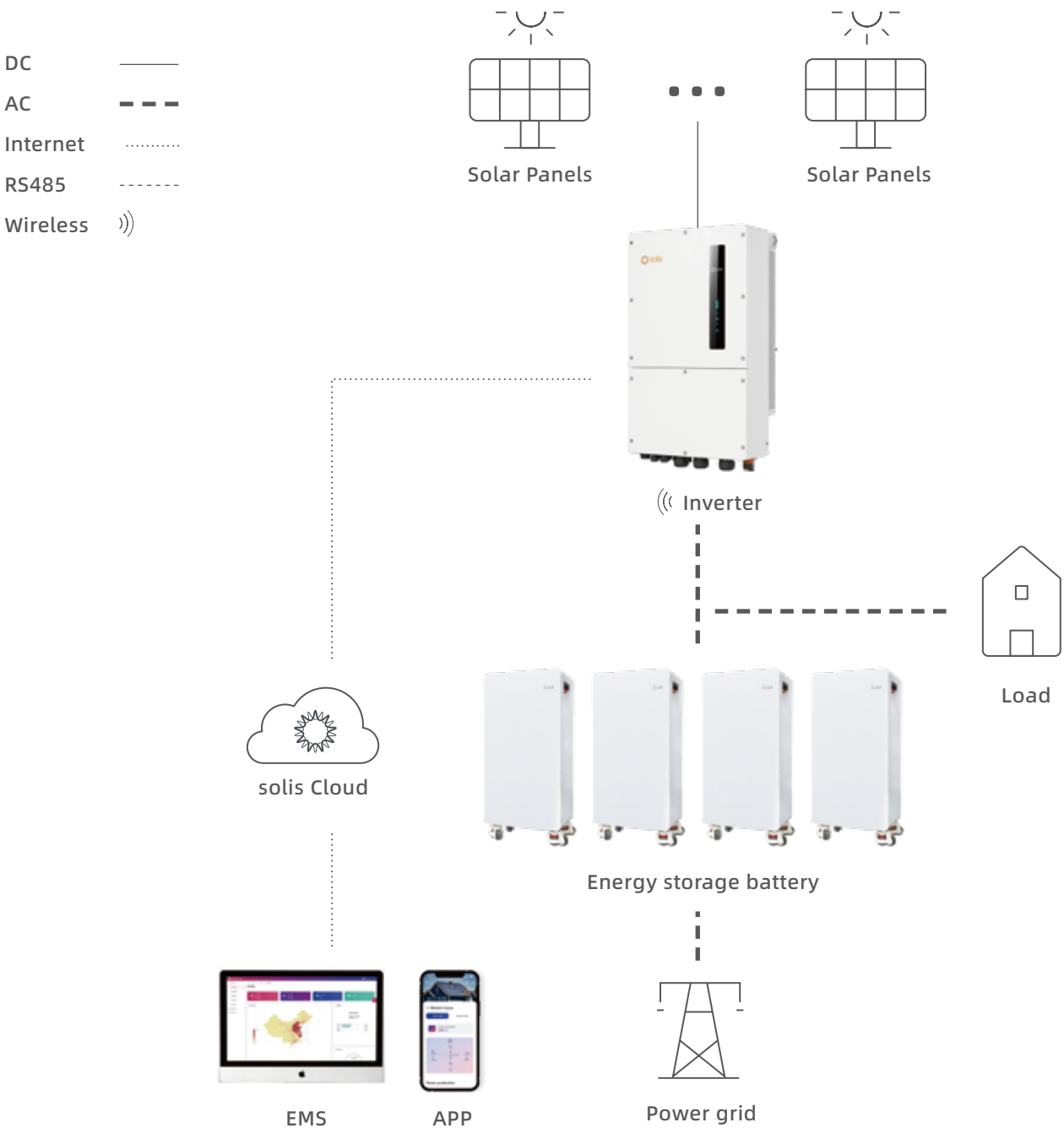
Commercial and industrial solar energy storage solutio 240m²

40KW 96KWH package		Intelligent energy controller	40KW X 1set
Solis hybrid inverter	40KW	Smart Photovoltaic APP	1 set
New semi-solid state battery	16KWH X 6set	Daily power generation	> 20 degrees



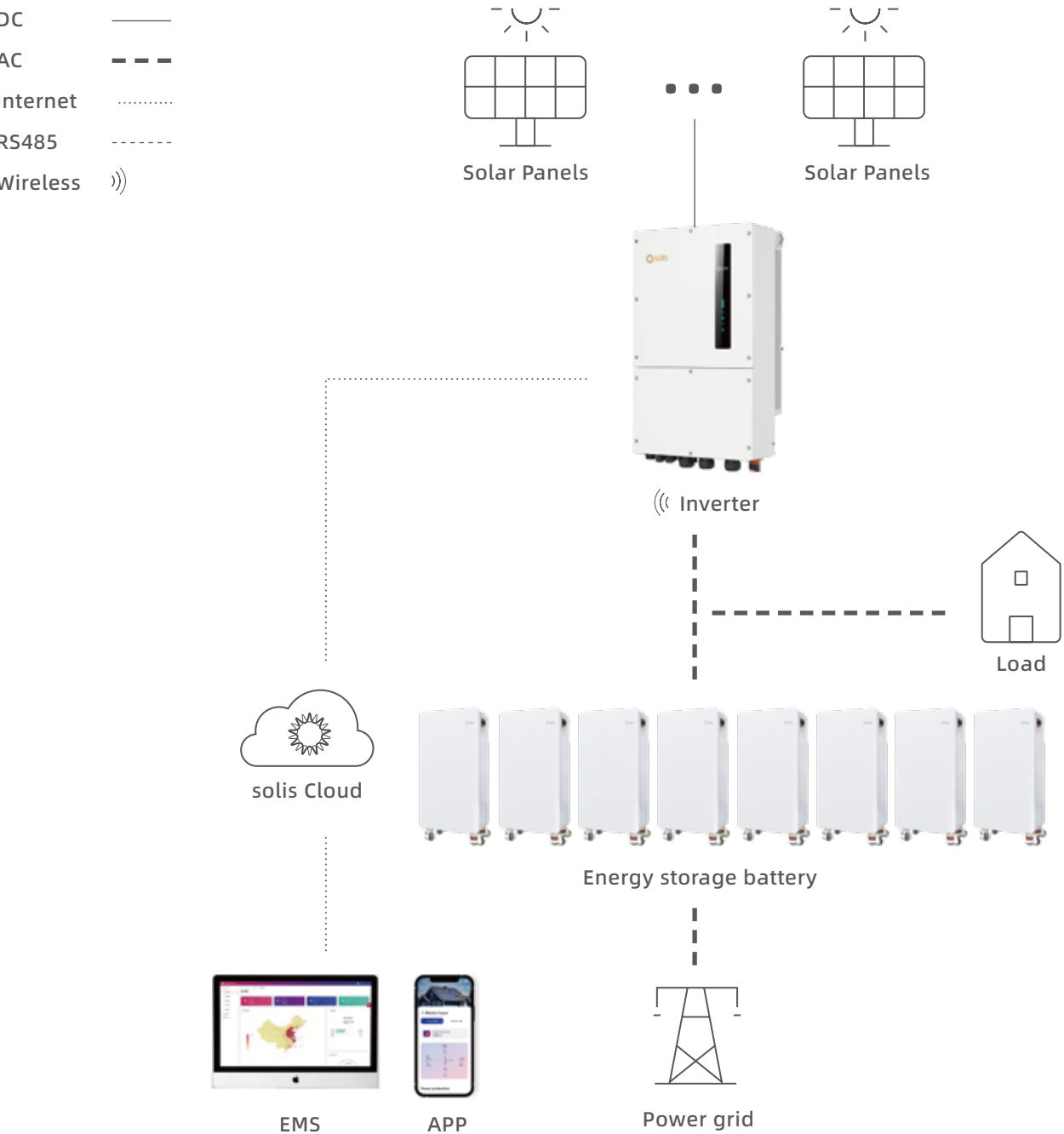
Commercial and industrial solar energy storage solutio 300m²

50KW 64KWH package		Intelligent energy controller	50KW X 1set
Solis hybrid inverter	50KW	Smart Photovoltaic APP	1 set
New semi-solid state battery	16KWH X 4set	Daily power generation	> 20 degrees



Commercial and industrial solar energy storage solutio 500m²

50KW 128KWH package		Intelligent energy controller	50KW X 1set
Solis hybrid inverter	50KW	Smart Photovoltaic APP	1 set
New semi-solid state battery	16KWH X 8set	Daily power generation	> 20 degrees



New Arrival | Next-Gen Semi-Solid-State Battery

1.Why High safety?

Because it combines the high conductivityof liquid electrolytes with the non-flamma- ble and non-combustible advantages of solid electrolytes. In overcharge,undercharge,over-discharge,cycle aging. Lithium ions will form needle-like crystals on the surface of the negative electrode.That is lithium dendrite. The Lithium dendrites can puncture the separator and cause an internal short circuit.and will cause thermal propagation But our semi-solid state battery can reduce the side reactions and slow down the formation of lithium dendrites.

2.Why longer life?

LFP battery have about 6000 cycles,our semi-solid state battery have 8000 cycles.We can use it for longer.

3.Why high efficiency?

It has a greater advantage in high-temperature performance. The temperature does not rise easily, and the thermal runaway trigger temperature is much higher than that of ordinary liquid batteries. And protect excessive consumption of active lithium ions.

Low-voltage floor-standing home storage lithium battery

Model	ELESHELL10.2K	ELESHELL14.3K
attery Capacity(wh)	10240	14336
Number of cells	1P8S*2	
Cell ype	LFP	
Nominal Voltage (V)	51.2	
Operating Voltage Range (V)	46.4~57.6	
Max.Charge /Discharge Current (A)	120	200
Continuous Charging/Discharging Current (A)	120	200
Max.Power (W)	6144	10240
Dimension (H*W*D mm)	871.1*519*133	750*412*235
Weight (KG)	92	119
Operating Temperature Range (C)	0-50	
Temperature.Control	natural cooling	
Max.Number of Parallel	16	
Communication	RS232/RS485/CAN	
Cycle Life (80%DOD,25°C)	>6000	>8000
Ingress Protection Rating	IP65	
Installation	Wall or floor mounting	floor mounting
Relative Humidity	≤95%rh	
Humidity of storage environment	≤95%rh	
Max. Operating Altitude (m)	≤3000m	
Storage Temperature	≤25°C, 12 months;≤35°C, 6 months;≤45°C, 3 months	
Certification	UN38.3,CE-EMC,IEC62619,MSDS,ROHS	

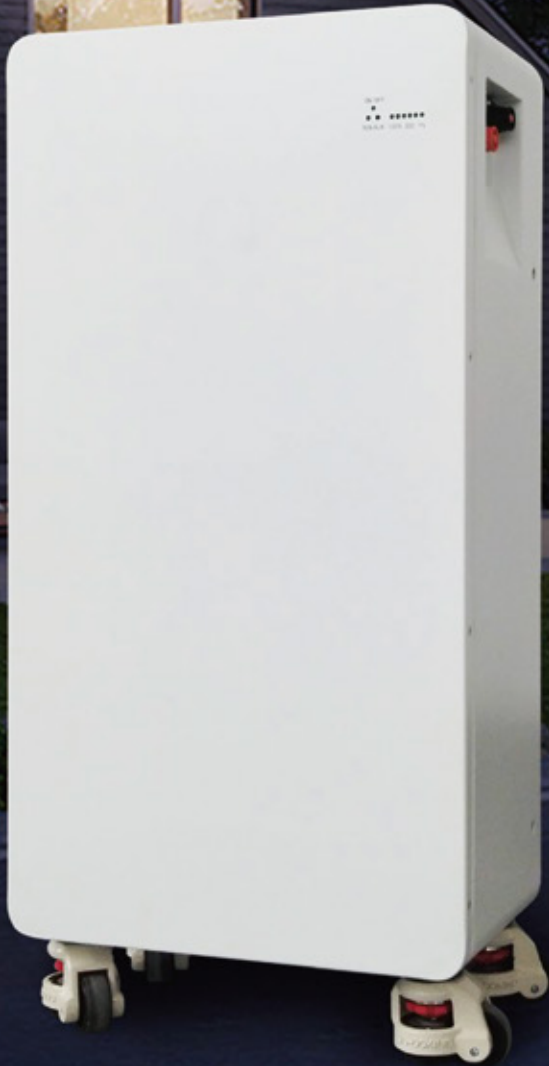
ELESHELL10.2/14.3K



16076WH/51.2V

LIFEPO4 BATTERY

Household energy storage



DOMINANCE



≥28000 Cycles



5/10 years warranty



Parallel 16 units

SPECIFICATIONS

Model	ELESHELL16K
Battery Capacity(wh)	16076
Number of cells	1P8S*2
Cell Type	LFP
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	46.4~57.6
Max.Charge/Discharge Current (A)	200
Continuous Charging/Discharging Current (A)	200
Max.Power (W)	10240
Dimension (H*W*D mm)	750*412*235
Weight(KG)	121
Operating Temperature Range(°C)	0-50
Max.Number of Parallel	16
Communication	RS232 /RS485/CAN
Cycle Life (80%DOD,25°C)	>8000
Ingress Protection Rating	IP54
Installation	Wall or floor mounting
Relative Humidity	≤95%rh
Humidity of storage environment	≤95%rh
Max. Operating Altitude (m)	≤3000
Storage Temperature	≤25°C, 12 months; ≤35°C,6 months; ≤45°C,3 months
Certification: UN38.3,CE-EMC,IEC62619,MSDS,ROHS	

High voltage energy storage cabinet

Model	PC-S7RH-96
Cabinet capacity(wh)	96000
Number of cells	1P16S*6
Cell Type	Semi-solid state
Nominal Voltage (V)	307.2
Operating Voltage Range (V)	278.4~345.6
Max.Charge /Discharge Current (A)	150/200
Continuous Charging/Discharging Current (A)	140/180
Max.Power(W)	61440
Max. charging power (W)	46080
Dimension (H*W*D mm)	2185*660*1150
Weight (KG)	About 1010
Operating Temperature Range (°C)	-10~55
Temperature.Control	Automatic heating and cooling adjustment with air conditioner
Cooling capacity/Heating capacity(W)	1500/1000
Cooling/heating input power(W)	600/1000
Fire extinguishing device	PERFLUORO
Corrosion resistance level	C3
Communication	RS485/CAN/RS232
Ingress Protection Rating	IP54
Relative Humidity	≤95%rh No condensation
Humidity of storage environment	≤95%rh No condensation
Max. Operating Altitude (m)	≤3000m
Storage Temperature	≤25℃, 12 months; ≤35℃, 6 months; ≤45℃, 3months

PC-S7RH-96



High voltage energy storage cabinet

Model	PC-D7RH-241
Cabinet capacity(wh)	241152
Number of cells	1P20S*12
Cell Type	Semi-solid state
Nominal Voltage (V)	768
Operating Voltage Range (V)	696~864
Max.Charge /Discharge Current (A)	150/200
Continuous Charging/Discharging Current (A)	140/180
Max.Power (W)	153600
Max. charging power (W)	115200
Dimension (H*W*D mm)	2257*1100*1355
Weight (KG)	About 2210
Operating Temperature Range (°C)	-10~55
Temperature.Control	Automatic heating and cooling adjustment with air conditioner
Cooling capacity/Heating capacity(W)	3200/2000
Cooling/heating input power(W)	1114/2000
Fire extinguishing device	PERFLUORO
Corrosion resistance level	C3
Communication	RS485/CAN/RS232
Ingress Protection Rating	IP54
Relative Humidity	≤95%rh No condensation
Humidity of storage environment	≤95%rh No condensation
Max. Operating Altitude (m)	≤3000m
Storage Temperature	≤25°C, 12 months;≤35°C, 6 months; ≤45°C, 3 months

PC-D7RH-241



ENERGY STORAGE SYSTEM



Intelligent Operation and Maintenance

- Modular energy block design, modular spare parts, more convenient maintenance.
- Data, video high-speed access to the cloud, remote active fire extinguishing, to achieve true unattended.
- Profits are clearer, data is more transparent, operation and maintenance is easier.



Efficient and Flexible

- High energy density, no junction cabinet, saving floor space.
- PCAK/PCS modular design, reduce failure loss, high system availability.
- Single Rack management, no inter Rack circulation, improve the system power generation.
- Full liquid cooling, longer system life, lower auxiliary power consumption.



Extreme Safety

- Multi-layer fire protection, rapid suppression of thermal runaway.
- Bottom burst design to prevent the risk of explosion.
- Battery health AI management, early warning of failure battery.
- Noise reduction by 50%, suitable for large commercial buildings, parks and other areas.



Easy Installation

- Modular products plug and play.
- Automatic SOC balancing between Packs.
- Equipment foundation no need excavation design, save the site civil construction cost.
- With the functions of parallel off-grid, backup power, three-phase imbalance management, etc. Suitable for various application scenarios.



JDENERGY

eBlock 100C

Technical Data

System Data

Cell Type	LFP 3.2V/314AH
Configuration	128S1P
Nameplate Capacity	125kWh
Maximum System Efficiency	>88%
Depth of Discharge	100% DOD
Voltage Frequency	50Hz
Communication Interface	LAN
Number of Cycles	>10000 Cycles
System Protection Level	IP55
Operating Temperature	-35°C~55°C
Operating Humidity	0%RH~95%RH(No condensation)
Noise	<70db
Dimensions (W * H * D)	1000*2270*1100(mm)
Altitude	<2000m
Thermal Management Methods	Liquid cooling (battery+PCS)
Certification	IEC 62477、IEC 61000、IEC 62619、VDE 4105、UTE C15-712-1、CEIO-21、EN 50549-2、UN38.3

eBlock-100C

PV Data

Maximum Photovoltaic Input Power	100kWp
Rated DC Input Voltage	720V
MPPT Voltage Range	150-850V
MPPT Number	4
Maximum input current of each MPPT	40A

On-grid Side Data

Rated Output Power	50kW
AC Rated Output Current	72.5A
Power Factor	-0.8~0.8
Grid Voltage	3L/N/PE 230/400V

On-grid Side Data

Rated Output Power	50kW
Off-grid Peak Power	55kVA
Off-grid Peak Power /2min	60kVA
Fastest on/off Grid Switching Time	<10ms
Rated Output Voltage	3L/N/PE 230/400V

JDENERGY

INTELLIGENT ENERGY BLOCK

125kW+250kWh Energy Storage System

Intelligent Operation and Maintenance

- Modular energy block design, modular spare parts, more convenient maintenance.
- Data, video high-speed access to the cloud, remote active fire extinguishing, to achieve true unattended.
- Profits are clearer, data is more transparent, operation and maintenance is easier.

Efficient and Flexible

- High energy density, no junction cabinet, saving floor space.
- PCAK/PCS modular design, reduce failure loss, high system availability.
- Single rack management, no inter rack circulation, improve the system energy charge/discharge capacity.
- Full liquid cooling, longer system life, lower auxiliary power consumption.

Extreme Safety

- Multi-layer fire protection, rapid suppression of thermal runaway.
- Top burst design to prevent the risk of explosion.
- Battery health AI management, early warning of failure battery.
- Noise reduction by 50%, suitable for large commercial buildings, parks and other areas.

Easy Installation

- Modular products plug and play.
- Automatic SOC balancing between Packs.
- Equipment foundation no need excavation design, save the site civil construction cost.
- With the functions of parallel off-grid, backup power, three-phase imbalance management, etc.
- Suitable for various application scenarios.



Technical Data

System Data

Cell Type	LFP 3.2V/314Ah
Configuration	1P260S
Nameplate Capacity	250kWh
DC Voltage Range	728~936V
AC Rated Power	125kW
Rated Voltage Range	400V±15%
Maximum System Efficiency	>90%
Depth Of Discharge	100%DOD
Communication Interface	LAN
AC Current Distortion Rate	<3%
DC Component	<0.5%lpn

eBlock-250

Number of Cycles	>7000 Cycles
System Protection Level	IP55
Operating Temperature	-35°C~55°C
Operating Humidity	0%RH ~ 95%RH (No condensation)
Noise	<70db
Dimensions (W* H * D)	1000* 2350* 1300(mm)
Altitude	<2000m
Thermal Management Methods	Liquid Cooling (battery)
Total weight	3000Kg
Certification	CQC、LVRT/HVRT、IEC 62477、IEC 61000、IEC 62619、VDE 4105、UTE C15-712-1、CEI0-21、EN 50549-2、UN38.3

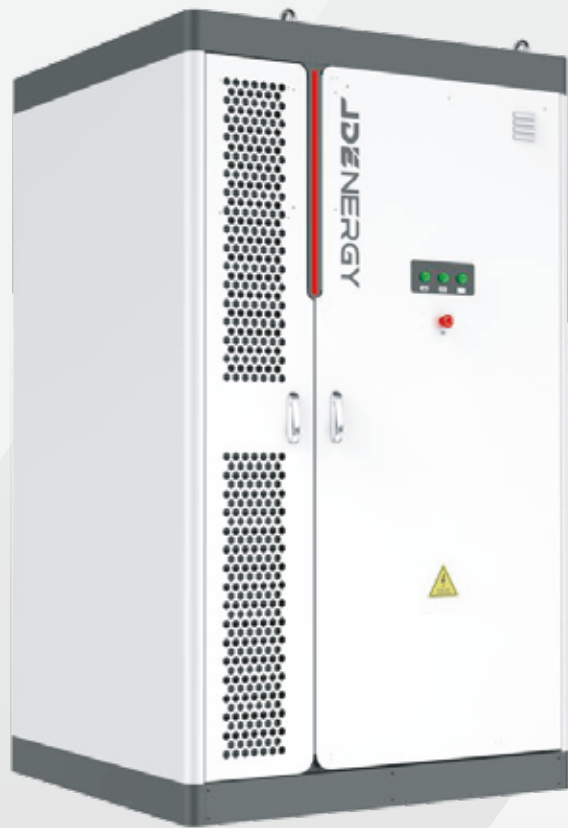
INTELLIGENT ENERGY BLOCK

209kW + 418kWh Energy Storage System



Economically Efficient

- No Parallel Design on DC Side, 100% DOD
- High Efficiency Liquid Cooling Design
- Conversion Efficiency >90% on AC Side



Ultimate Safety

- High-Temperature-Resistant Material that can Meet 1.5h Fire Resistance as the Shell
- Integration of BMS and PCS, Realizing Fast and Comprehensive Protection



Grid Friendly

- Multiple Control Modes including Primary Frequency Control (PFC), Peak Shaving and Valley Filling, and High-Speed Scheduling
- Heterogeneous Cluster Control Platform, achieving High-Speed Dispatching of Thousands of eBlocks at 100ms level



Intelligent Operation and Maintenance

- Multi-parallel Connection, Realizing Flexible Expansion and Block Building of Energy Storage Power Station
- Statistical Analysis of Big Data, Predicting Battery Cell Lifespan, Warning of Battery Cell Failures

JDENERGY

eBlock 418A

Technical Data	eBlock-418A
System Data	
Cell Type	LFP 3.2V/314AH
Configuration	416S1P
Nameplate Capacity	418kWh
DC Voltage Range	1165~1498V
AC Rated Power	209kW (215kW Derating)
AC Output Voltage	690V±15%
Maximum System Efficiency	≥90%
Depth Of Discharge	100% DOD
Communication Interface	LAN
AC Current Distortion Rate	<3%
DC Component	<0.5%Ipn
Number of Cycles	≥7000
System Protection Level	IP55
Operating Temperature	-35℃~55℃
Operating Humidity	0%RH ~ 95%RH (No condensation)
Noise	<70db
Dimensions (W * H * D)	1400mm×1300mm×2350mm
Altitude	≤2000m
Thermal Management	Liquid cooling (battery)
Methods	3800Kg
Total Weight	IEC 62619 IEC63056 IEC62477 IEC61000
Certification	IEC60730

JDENERGY

INTELLIGENT ENERGY BLOCK

2508kW+5016kWh Energy Storage System



Economically Efficient

- 20ft 5MWh+ AC/DC “all in one” container, system cycle efficiency increased by 2%.
- 5MW/10MWh standard container design, small footprint. Full liquid cooling, longer system life, lower auxiliary power consumption.



Grid Friendly

- Strong adaptability, suitable for a variety of extreme environments.
- PCAK/PCS modular design, reduce failure loss, high system availability.
- Single rack management, no inter rack circulation, improve the system energy charge/discharge capacity.



Ultimate Safety

- Multi-layer fire protection design, rapid suppression of thermal runaway.
- Top burst design to prevent the risk of explosion.
- Battery health AI management, early warning of failure battery.



Easy Installation

- Modular products plug and play.
- Automatic SOC balancing between Packs.



JDENERGY

eBlock-Galaxy 1

Technical Data	eBlock-Galaxy-1
System Data	
Cell Type	LFP 3.2V/314AH
Battery PACK configuration	104.5kWh
Nameplate Capacity	5016kWh
DC Voltage Range	1164.8~1497.6V
AC Rated Power	2508kW
AC Rated Voltage Range	690V±15%
Maximum System Efficiency	>90%
Depth of Discharge	100% DOD
Communication Interface	LAN
AC Current Distortion Rate	<3%
Communication protocols	Modbus\IEC 104\IEC 61850\MQTT
Number of Cycles	>7000 Cycles
System Protection Level	IP55
Operating Temperature	-35°C~55°C
Operating Humidity	0%RH ~ 95%RH (No condensation)
Noise	<80db
System dimension (W * D * H)	6058 mm * 2438 mm* 3100 mm
Altitude	<2000m
Thermal Management Methods	Liquid cooling (battery+PCS)
Total Weight	43000Kg
Certification	UL 1741,UL 1973,UL 9540A,IEC61000,IEC62619, EN50549,VDE4105,IEC62477,IEC 60730,UN3536,UN38.3

JDENERGY

Hebei Taineng Hongsen Medical ABC Distributed Photovoltaic Power Station
12MW project



Xingtai Weixian Ground-Mounted Distributed Photovoltaic Power Station
42MW Project



Chengdu Zhongda Soft Plastic New Materials Co., Ltd. Distributed Photovoltaic Power Station
3.23MW Project



Shijiazhuang Huiao Cultural Communication Office Rooftop Distributed Photovoltaic Power Station
4.8MW Project



Heilongjiang Longjiang Transportation Province Expressway New Energy Project
7MW Project



Fudao Logistics JD.com Warehouse Photovoltaic Power Station in Shijiazhuang, Hebei Province
2MW Project



Wutaishan Modern Agricultural Park Photovoltaic Power Station in Shanxi Province
1.1MW Project



Poverty Alleviation Photovoltaic Power Station in Zagui Banner, Ulanhot City, Inner Mongolia
300KW Project

