GEYA
Solar & Energy Storage System Introduction

June, 2023

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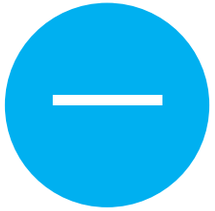
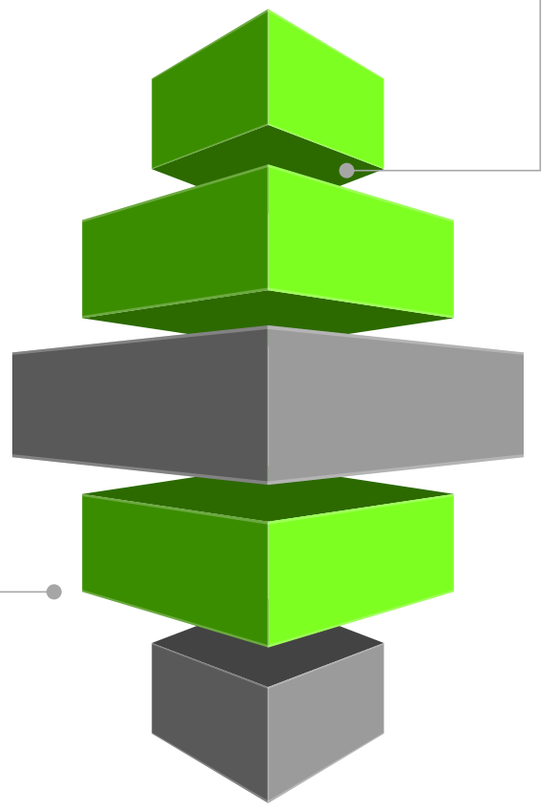


Advantages

Advantages of our Solar Energy System

Certified Fully

Designed by professionals



Long service life

Super High Efficiency

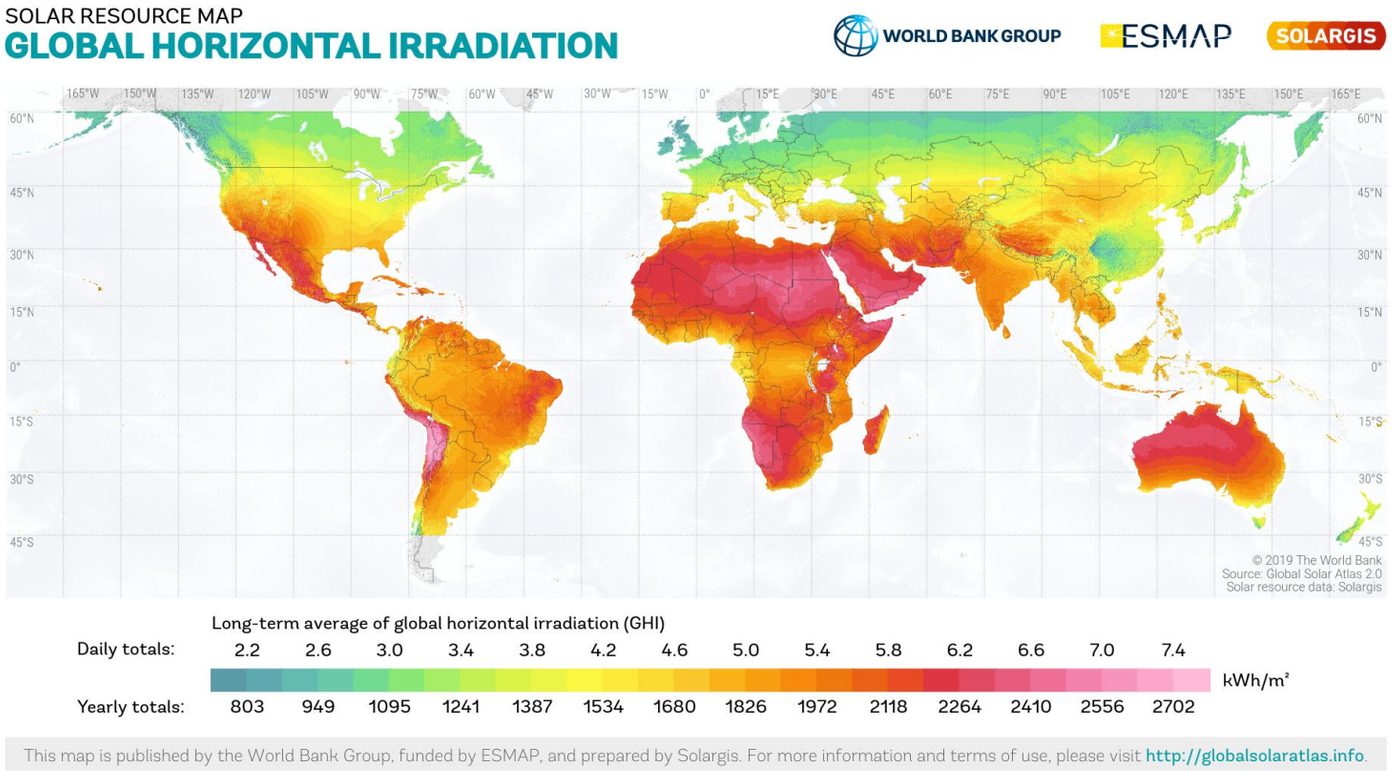
Professinal Design

Experienced engineer team

1. Electrical Engineer team
2. Structural engineer team
3. Over 10 years design experiences
4. Experience for over 10,000 design cases
5. Serve clients from over 100 countries

Professional design

1. Based on Irradiation data from NASA
2. Optimal solutions for each project
3. Maximal system efficiency target
4. Exact design for every project case

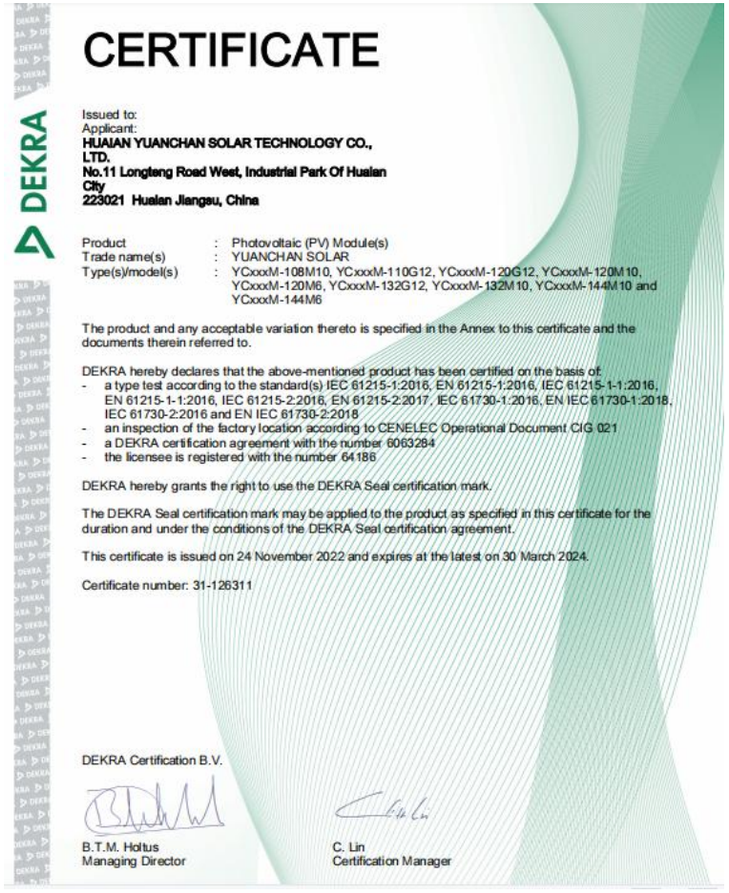


Super High Efficiency

1. **最高效的太阳能板**
   The most efficient solar panel
2. **稳定高效率的逆变器**
   Stable and high-efficiency inverter
3. **高效快速充放电的锂电池**
   Efficient and fast charging and discharging of lithium battery

认证齐全
Fully Certified

1. TUV Dekra CE UL UN38.3



CERTIFICATE

Issued to:
Applicant:
HUAIAN YUANCHAN SOLAR TECHNOLOGY CO., LTD.
No.11 Longteng Road West, Industrial Park Of Hualan City
223021 Hualan Jiangsu, China

Product : Photovoltaic (PV) Module(s)
Trade name(s) : YUANCHAN SOLAR
Type(s)/model(s) : YCxxxM-108M10, YCxxxM-110G12, YCxxxM-120G12, YCxxxM-120M10, YCxxxM-120M6, YCxxxM-132G12, YCxxxM-132M10, YCxxxM-144M10 and YCxxxM-144M6

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard(s) IEC 61215-1:2016, EN 61215-1:2016, IEC 61215-1-1:2016, EN 61215-1-1:2016, IEC 61215-2:2016, EN 61215-2:2017, IEC 61730-1:2016, EN IEC 61730-1:2018, IEC 61730-2:2016 and EN IEC 61730-2:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063284
- the licensee is registered with the number 64186

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 24 November 2022 and expires at the latest on 30 March 2024.

Certificate number: 31-126311

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager

ATTESTATION OF CONFORMITY

Issued to: HUAIAN YUANCHAN SOLAR TECHNOLOGY CO., LTD
No.11 Longteng Road West, Industrial Park Of Hualan City, 223021 Hualan City Jiangsu, China

For the product: Photovoltaic (PV) Module(s)

Trade name: YUANCHAN SOLAR

Type/Model: see annex for details

Ratings: Protection Class: Class II; Pollution Degree: 1; Fire Rating: Class C according to UL790

Manufactured by: HUAIAN YUANCHAN SOLAR TECHNOLOGY CO., LTD
No.11 Longteng Road West, Industrial Park Of Hualan City, 223021 Hualan City Jiangsu, China

Requirements: EN 61215-1:2016
EN 61215-1-1:2016
EN 61215-2:2017
EN IEC 61730-1:2018
EN IEC 61730-1:2018/AC: 2018-06
EN IEC 61730-2:2018
EN IEC 61730-2:2018/AC: 2018-06

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6145085A.50A and 6145085A.50B.

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.
The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Shanghai, 25 November 2022 Number: 6145085.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.

C. Lin
Certification Manager

© Integral publication of this attestation and adjoining reports is allowed

DEKRA Testing and Certification (Shanghai) Ltd.
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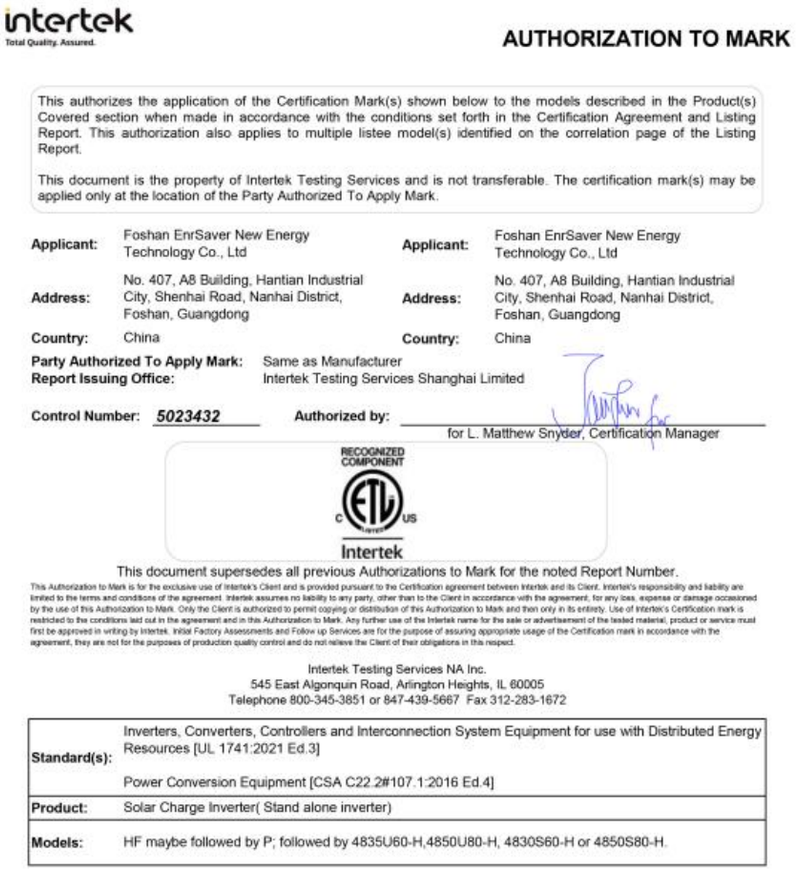
T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-certification.com



intertek
Total Quality. Assured.

AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant:	Foshan EnrSaver New Energy Technology Co., Ltd	**Applicant:**	Foshan EnrSaver New Energy Technology Co., Ltd
Address:	No. 407, A8 Building, Hantian Industrial City, Shenhai Road, Nanhai District, Foshan, Guangdong	**Address:**	No. 407, A8 Building, Hantian Industrial City, Shenhai Road, Nanhai District, Foshan, Guangdong
Country:	China	**Country:**	China

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shanghai Limited

Control Number: *5023432* **Authorized by:**

for L. Matthew Snyder, Certification Manager

RECOGNIZED COMPONENT
C ETL US
Intertek

This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources [UL 1741:2021 Ed.3] Power Conversion Equipment [CSA C22.2#107.1:2016 Ed.4]
Product:	Solar Charge Inverter(Stand alone inverter)
Models:	HF maybe followed by P; followed by 4835U60-H,4850U80-H, 4830S60-H or 4850S80-H.

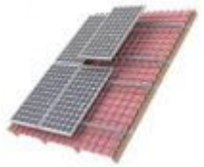
二

Domestic Solar & Energy Storage Sysetm

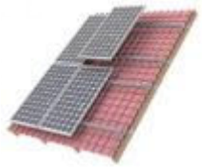
Domestic Solar Energy System

Grid tie-Single Phase

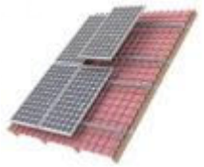
3KW grid tie solar system-Single phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 6 pcs in one string		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	6 Pcs
2	Growatt brand Grid tie solar inverter 3KW Model: MIN 3000TL-X		Rated Output Power: 3KW PV voltage range: 70-550V Output: 220/240V 50Hz Single phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 100M MC4: 4 Pairs Breakers and accessories	1 Set

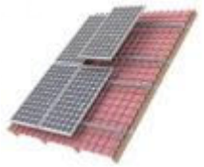
5KW grid tie solar system-Single phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 10 pcs in one string		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	10 Pcs
2	Growatt brand Grid tie solar inverter 5KW Model: MIN 5000TL-X		Rated Output Power: 5KW PV voltage range: 70-550V Output: 220/240V 50Hz Single phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 100M MC4: 4 Pairs Breakers and accessories	1 Set

6KW grid tie solar system-Single phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 6 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	12 Pcs
2	Growatt brand Grid tie solar inverter 6KW Model: MIN 6000TL-X		Rated Output Power: 6KW PV voltage range: 70-550V Output: 220/240V 50Hz Single phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 200M MC4: 8 Pairs Breakers and accessories	1 Set

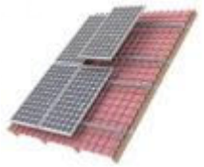
10KW grid tie solar system-Single phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 10 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	20 Pcs
2	Growatt brand Grid tie solar inverter 5KW Model: MIN 10000TL-X		Rated Output Power: 10KW PV voltage range: 70-550V Output: 220/240V 50Hz Single phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 200M MC4: 8 Pairs Breakers and accessories	1 Set

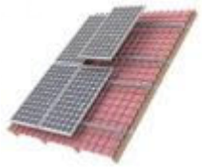
Domestic Solar Energy System

Grid tie-Three Phase

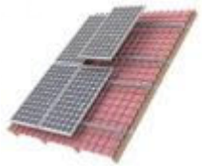
10KW grid tie solar system-3 phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 20 pcs in one string 1 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	20 Pcs
2	Growatt brand Grid tie solar inverter 10KW Model: MOD 10KTL3-X		Rated Output Power: 10KW PV voltage range: 140-1000V Output: 380/400V 50Hz 3 phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 100M MC4: 4 Pairs Breakers and accessories	1 Set

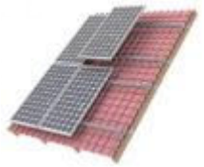
15KW grid tie solar system-3 phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 15 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	30 Pcs
2	Growatt brand Grid tie solar inverter 15KW Model: MOD 15KTL3-X		Rated Output Power: 15KW PV voltage range: 140-1000V Output: 380/400V 50Hz 3 phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 200M MC4: 8 Pairs Breakers and accessories	1 Set

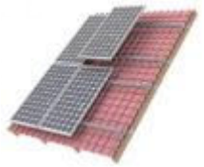
20KW grid tie solar system-3 phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 20 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	40 Pcs
2	Growatt brand Grid tie solar inverter 20KW Model: MID 20KTL3-X		Rated Output Power: 20KW PV voltage range: 140-1000V Output: 380/400V 50Hz 3 phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 200M MC4: 8 Pairs Breakers and accessories	1 Set

25KW grid tie solar system-3 phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 18 pcs in one string 3 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	54 Pcs
2	Growatt brand Grid tie solar inverter 25KW Model: MID 25KTL3-X		Rated Output Power: 25KW PV voltage range: 140-1000V Output: 380/400V 50Hz 3 phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 300M MC4: 12 Pairs Breakers and accessories	1 Set

50KW grid tie solar system-3 phase

No	Item	Picture	Specifications	Quantity
1	Mono half cell solar panels YCPV-545M10 20 pcs in one string 5 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	100 Pcs
2	Growatt brand Grid tie solar inverter 50KW Model: Max 50KTL3-X		Rated Output Power: 50KW PV voltage range: 140-1000V Output: 380/400V 50Hz 3 phase Warranty: 5 Years	1 PC
3	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
4	Cables & Accessories		PV cable: 4mm2* 500M MC4: 20 Pairs Breakers and accessories	1 Set

Domestic Solar Energy System

Off Grid-Single Phase

Off grid Series:

1. 安装使用便捷

Easy to install and use

2. 发电效率高

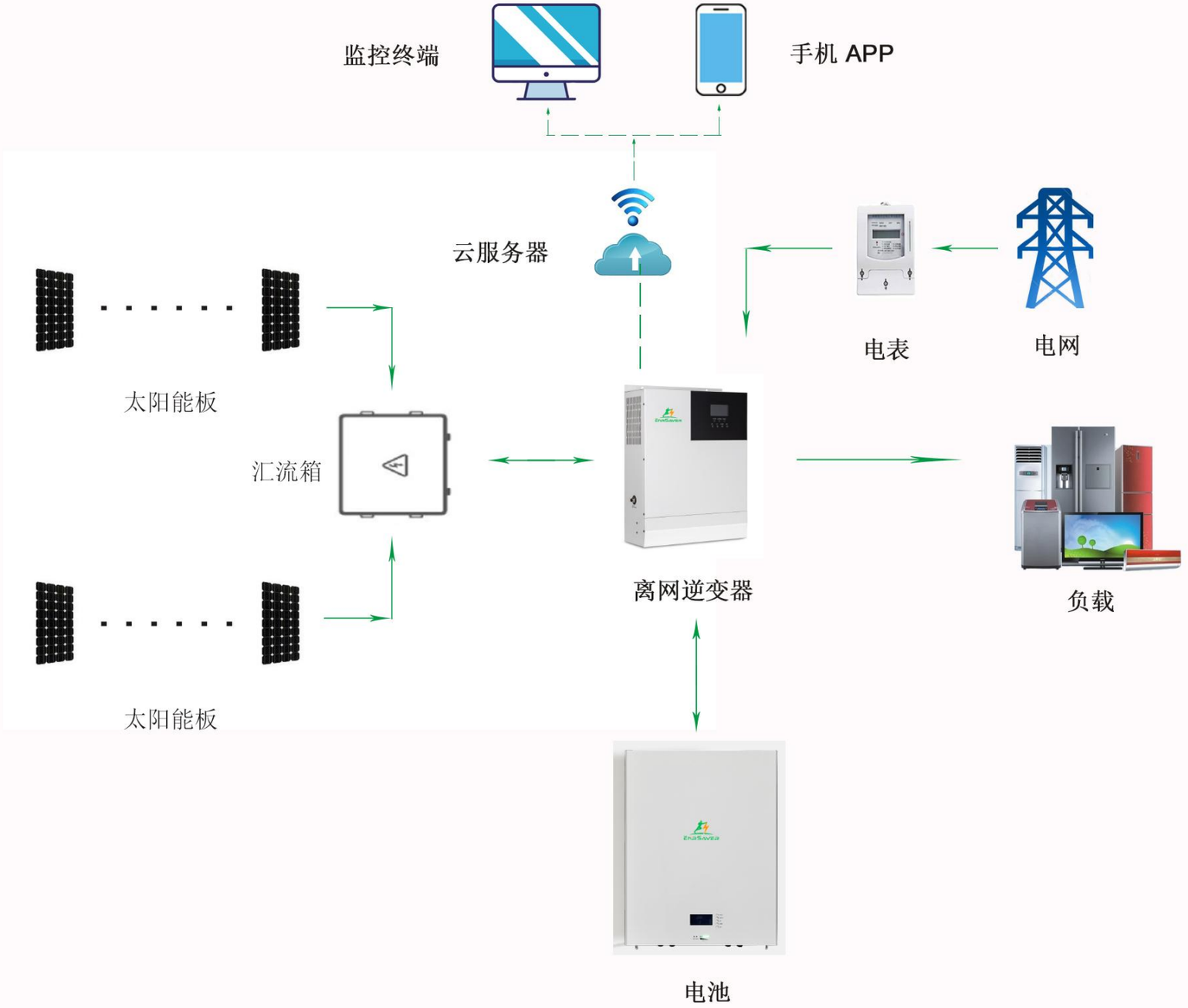
High power generation efficiency

3. 阴雨天发电效果优

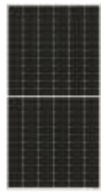
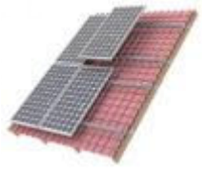
Excellent power generation effect in cloudy and rainy days

4. 超长寿命锂电池

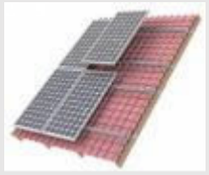
Super-long-life lithium battery



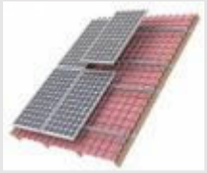
3KW Off grid solar energy system-Single phase

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 2 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	4 Pcs
2	Off grid inverter 3KW Model: ESBIS3K		Rated Output Power: 3KW PV voltage range: 30-145V AC output: 220/240V 50Hz Single phase Warranty: 2 Years	1 PC
3	Long Service life Lithium battery ESLF100-51.2V Capacity: 5kwh		Material: LiFePO4 Capacity: 51.2V/100AH Dimension: 551*411*945mm Weight: 40KG Warranty: 5 Years	1 Set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2* 100M 6mm2* 100M MC4: 8 Pairs, Y shape Connector: 4 Pairs Breakers and accessories	1 Set

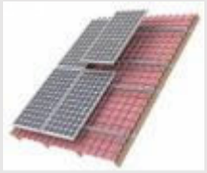
5KW Off grid solar energy system-Single phase

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 6 pcs in one string 1 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	6 Pcs
2	Off grid inverter 5KW Model: ESBIS5K		Rated Output Power: 5KW PV voltage range: 120-500V AC output: 220/240V 50Hz Single phase Warranty: 2 Years	1 PC
3	Long Service life Lithium battery ESLF200-51.2V Capacity: 10kwh		Material: LiFePO4 Capacity: 51.2V/200AH Dimension: 551*411*945mm Weight: 85KG Warranty: 5 Years	1 Set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2* 100M MC4: 4 Pairs Breakers and accessories	1 Set

8KW Off grid solar energy system-Single phase

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 5 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	10 Pcs
2	Off grid inverter 8KW Model: ESBIS8K		Rated Output Power: 8KW PV voltage range: 120-450V AC output: 220/240V 50Hz Single phase Warranty: 2 Years	1 PC
3	Long Service life Lithium battery ESLF150-51.2V Capacity: 7.5kwh		Material: LiFePO4 Capacity: 51.2V/150AH Dimension: 551*411*945mm Weight: 63KG Warranty: 5 Years	2 Sets
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2* 200M MC4: 4 Pairs, Y connectors: 4 pairs Breakers and accessories	1 Set

10KW Off grid solar energy system-Single phase

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 7 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	14 Pcs
2	Off grid inverter 10KW Model: ESBIS10K		Rated Output Power: 10KW PV voltage range: 120-450V AC output: 220/240V 50Hz Single phase Warranty: 2 Years	1 PC
3	Long Service life Lithium battery ESLF200-51.2V Capacity: 10kwh		Material: LiFePO4 Capacity: 51.2V/200AH Dimension: 551*411*945mm Weight: 85KG Warranty: 5 Years	2 Sets
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2* 200M MC4: 4 Pairs, Y connectors: 8 pairs Breakers and accessories	1 Set

15KW Off grid solar energy system-Single phas

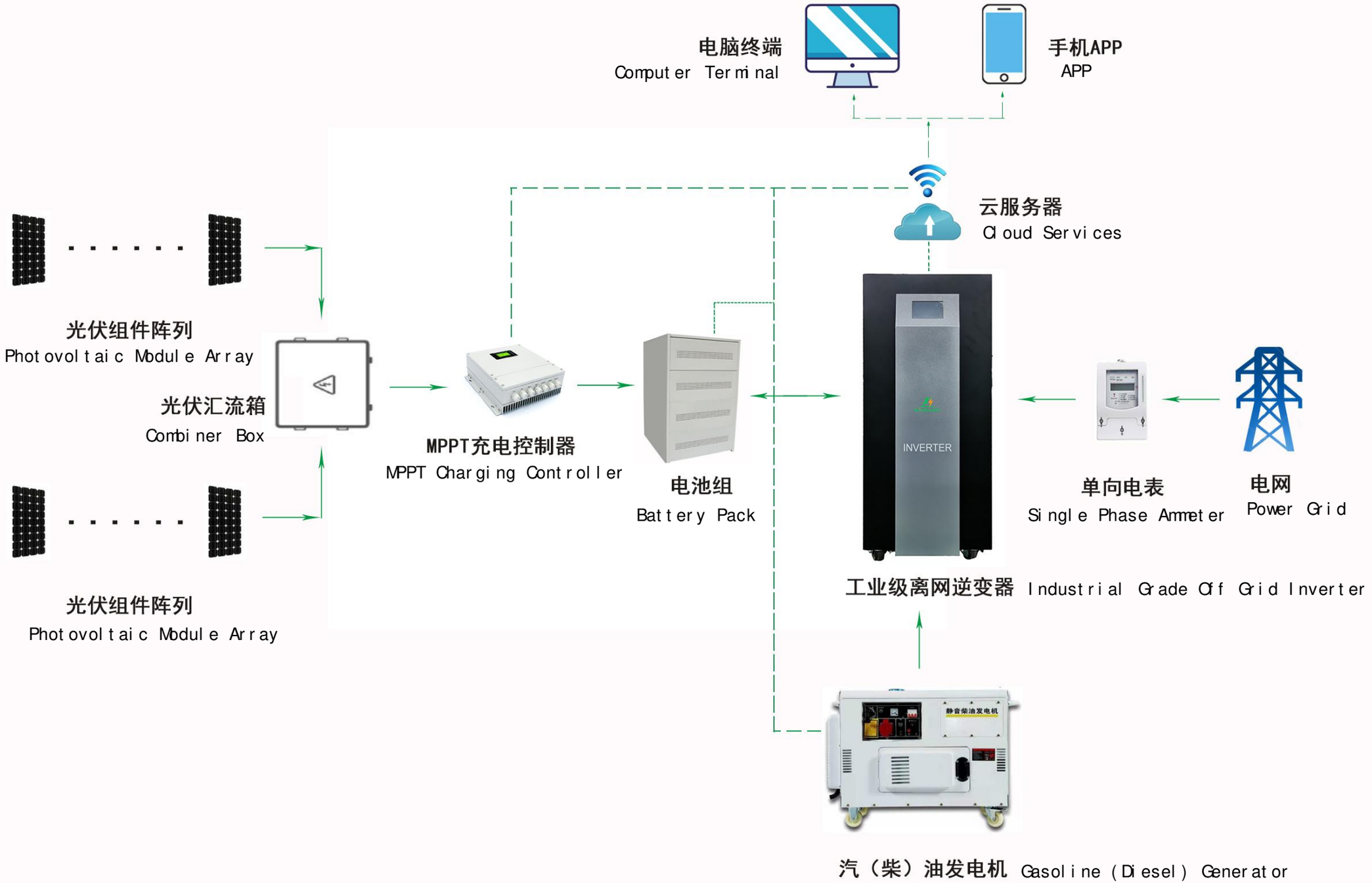
编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 6 pcs in one string 3 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	18 Pcs
	Industrial Frequency 15KW Solar inverter ESBIT-15K/192 Single phase		Nominal Power: 15KW AC charger :10A Output:220/240V 50Hz Single phase outputSize:410*752*941mm Warranty: 3 years	1 set
2	Wide range MPPT Solar charge controller ESCC-50A/192		Nom. Charge Power: 10KW Nom. Work voltage: 192V Max PV Voc: 430V Size: 340*525*225mm	1 PC
3	Long Service life Lithium battery ESLF200-51.2V Capacity: 10kwh		Material: LiFePO4 Capacity: 51.2V/200AH Dimension: 551*411*945mm Weight: 85KG Warranty: 5 Years	3 Sets
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2* 300M MC4: 4 Pairs, Y connectors: 12 pairs Breakers and accessories	1 Set

20KW Off grid solar energy system-Single phas

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 7 pcs in one string 4 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	28 Pcs
	Industrial Frequency 20KW Solar inverter ESBIT-20K/192 Single phase		Nominal Power: 20KW AC charger :15A Output:220/240V 50Hz Single phase outputSize:410*752*941mm Warranty: 3 years	1 set
2	Wide range MPPT Solar charge controller ESCC-80A/192		Nom. Charge Power: 16KW Nom. Work voltage: 192V Max PV Voc: 430V Size: 340*525*225mm	1 PC
3	Long Service life Lithium battery ESLF200-51.2V Capacity: 10kwh		Material: LiFePO4 Capacity: 51.2V/200AH Dimension: 551*411*945mm Weight: 85KG Warranty: 5 Years	4 Sets
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2* 400M MC4: 4 Pairs, Y connectors: 16 pairs Breakers and accessories	1 Set

Domestic Solar Energy System

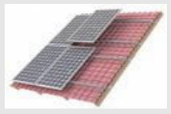
Off Grid-Three Phase


电脑终端
Computer Terminal
手机APP
APP
云服务器
Cloud Services
光伏组件阵列
Photovoltaic Module Array
光伏汇流箱
Combiner Box
MPPT充电控制器
MPPT Charging Controller
电池组
Battery Pack
INVERTER
单向电表
Single Phase Ammeter
电网
Power Grid
工业级离网逆变器 Industrial Grade Off Grid Inverter
光伏组件阵列
Photovoltaic Module Array
静音柴油发电机
汽（柴）油发电机 Gasoline (Diesel) Generator

10KW离网储能系统-三相

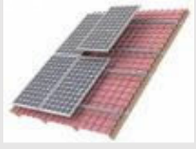
three-phase

10KW off grid energy storage system

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 1 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	16 Pcs
3	Wide range MPPT Solar charge controller ESCC-50A/384		Nom. Charge Power: 20KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	1 pc
2	Industrial Frequency 10KW Solar inverter ESBIT-10K/384 Three phase		Nominal Power: 10KW AC charger :10A Output:380/400V 50Hz 3 phase outputSize:410*752*941mm Warranty: 3 years	1 PC
3	Long Service life Lithium battery ESLF 50-384V Capacity: 20kwh		Material: LiFePO4 Capacity: 384V/50AH Dimension: 551*411*945mm Weight: 160KG Warranty: 5 Years	1 Set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2* 100M MC4: 4 Pairs, Breakers and accessories	1 Set

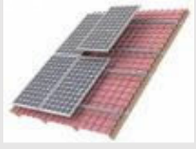
20KW 离网储能系统-三相

20KW off grid energy storage system three-phase

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 15 pcs in one string 2 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	30 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input, 1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	1 PC
3	Wide range MPPT Solar charge controller ESCC-50A/384		Nom. Charge Power: 20KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	1 pc
2	Industrial Frequency 20KW Solar inverter ESBIT-20K/384 Three phase		Nominal Power: 20KW AC charger :20A Output:380/400V 50Hz 3 phase outputSize:410*752*941mm Warranty: 3 years	1 PC
3	Long Service life Lithium battery ESLF 100-384V Capacity: 40kwh		Material: LiFePO4 Capacity: 384V/100AH Dimension: 551*411*945mm Weight: 350KG Warranty: 5 Years	1 Set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*100M 6mm2*100M MC4: 8 Pairs, Breakers and accessories	1 Set

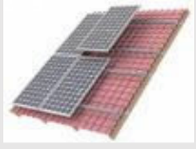
30KW 离网储能系统-三相

30KW off grid energy storage system three-phase

编号No	项目Item	图片Picture	技术参数Specifications	数量Quantity
1	Mono half cell solar panels YCPV-545M10 14 pcs in one string 3 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	42 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input, 1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	1 PC
3	Wide range MPPT Solar charge controller ESCC-60A/384		Nom. Charge Power: 24KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	1 pc
2	Industrial Frequency 30KW Solar inverter ESBIT-30K/384 Three phase		Nominal Power: 30KW AC charger :30A Output:380/400V 50Hz 3 phase outputSize:410*752*941mm Warranty: 3 years	1 PC
3	Long Service life Lithium battery ESLF 150-384V Capacity: 60kwh		Material: LiFePO4 Capacity: 384V/150AH Dimension: 551*411*945mm Weight: 520KG Warranty: 5 Years	1 Set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*200M 10mm2*100M MC4: 12 Pairs, Breakers and accessories	1 Set

50KW 离网储能系统-三相

50KW off grid energy storage system three-phase

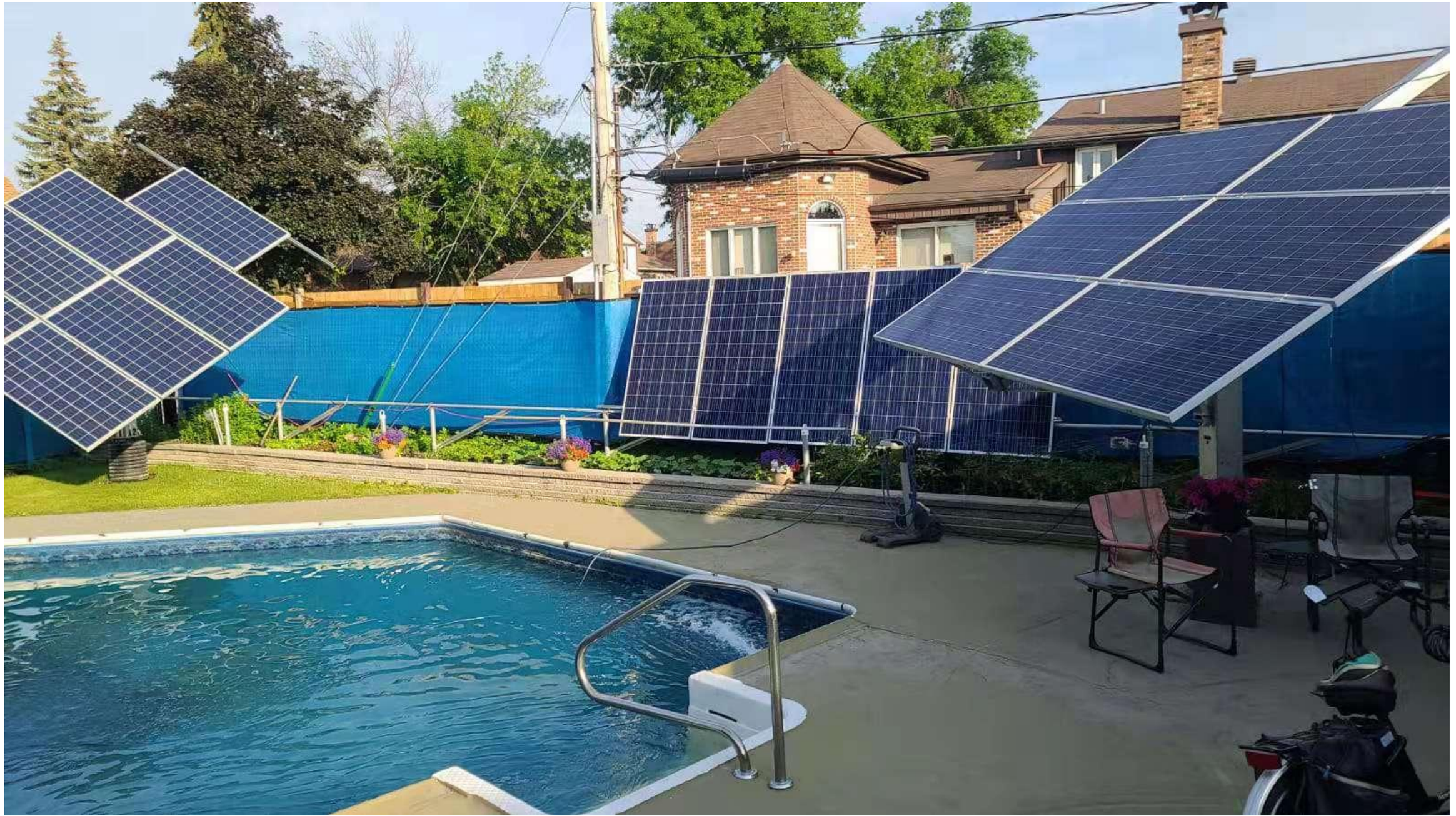
编号No	项目Item	图片Picture	技术参数Specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 14 pcs in one string 5 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	70 Pcs
2	PV Combine box ESCB 6S-HV		6 PV input, 1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	1 PC
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	1 pc
2	Industrial Frequency 50KW Solar inverter ESBIT-50K/384 Three phase		Nominal Power: 50KW AC charger :50A Output:380/400V 50Hz 3 phase outputSize:410*752*941mm Warranty: 3 years	1 PC
3	Long Service life Lithium battery ESLF 300-384V Capacity: 115kwh		Material: LiFePO4 Capacity: 384V/300AH Dimension: 551*411*945mm Weight: 1100KG Warranty: 5 Years	1 Set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*300M 16mm2*100M MC4: 20 Pairs, Breakers and accessories	1 Set

Project case for Domestic Solar Energy System

牙买加5KW光伏储能系统
Jamaica 5KW Photovoltaic Energy Storage System

加拿大8KW光伏追踪+储能系统

Canada 8KW Photovoltaic Tracking+ Energy Storage System



马尔代夫10KW光伏储能系统

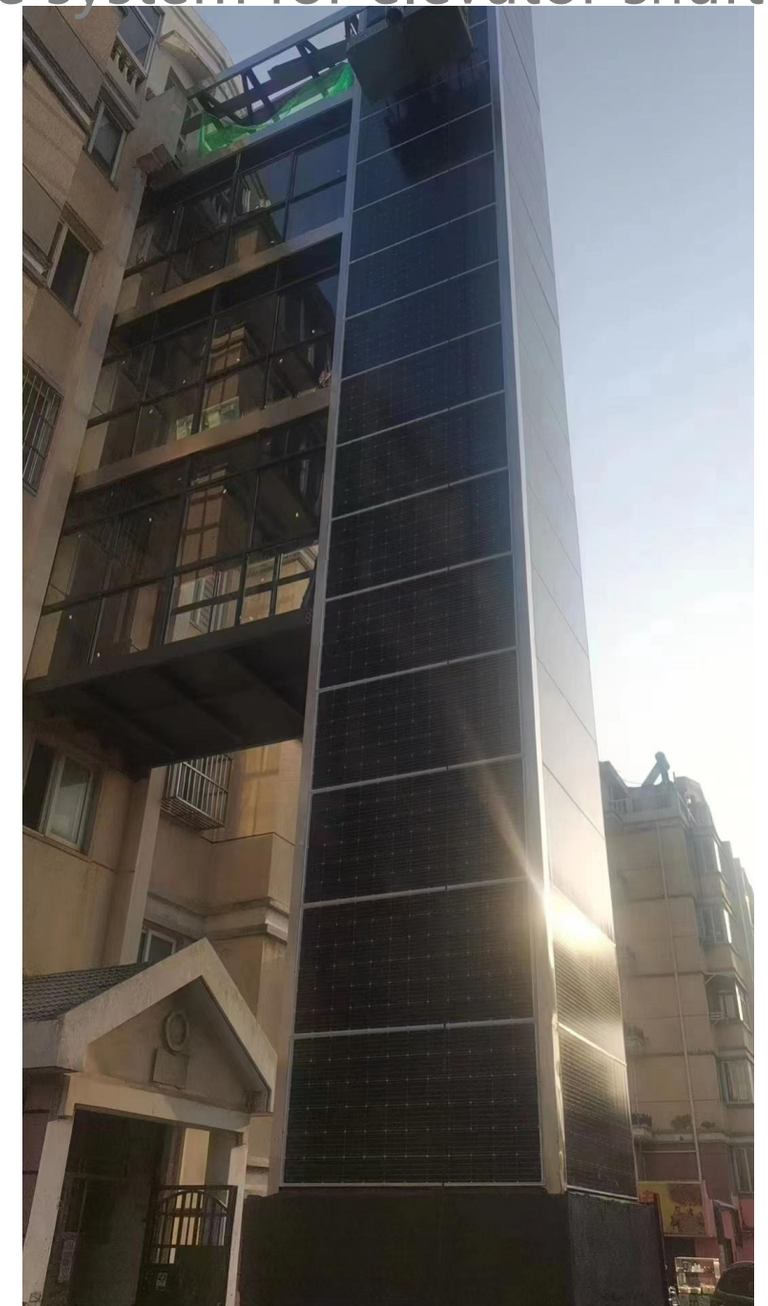
Maldives 10KW Photovoltaic Energy Storage System

菲律宾15KW光伏储能系统
Philippines 15KW Photovoltaic Energy Storage System

尼日利亚25KW光伏储能系统
Nigeria 25KW Photovoltaic Energy Storage System

电梯井22.8KW光伏储能系统

22.8KW photovoltaic energy storage system for elevator shaft



Industrial Solar Energy System Off Grid

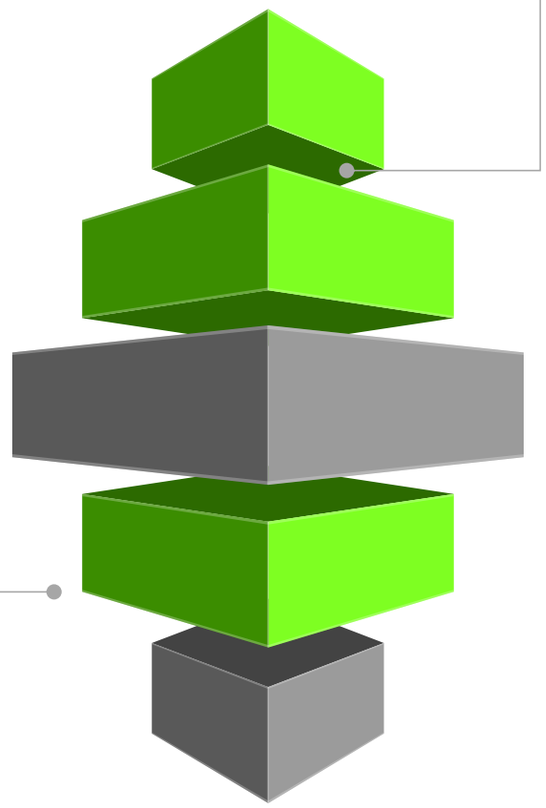
我们工商业中型储能系统的优势

The advantages of our industrial and commercial medium-sized energy storage systems

实地设计
上门安装

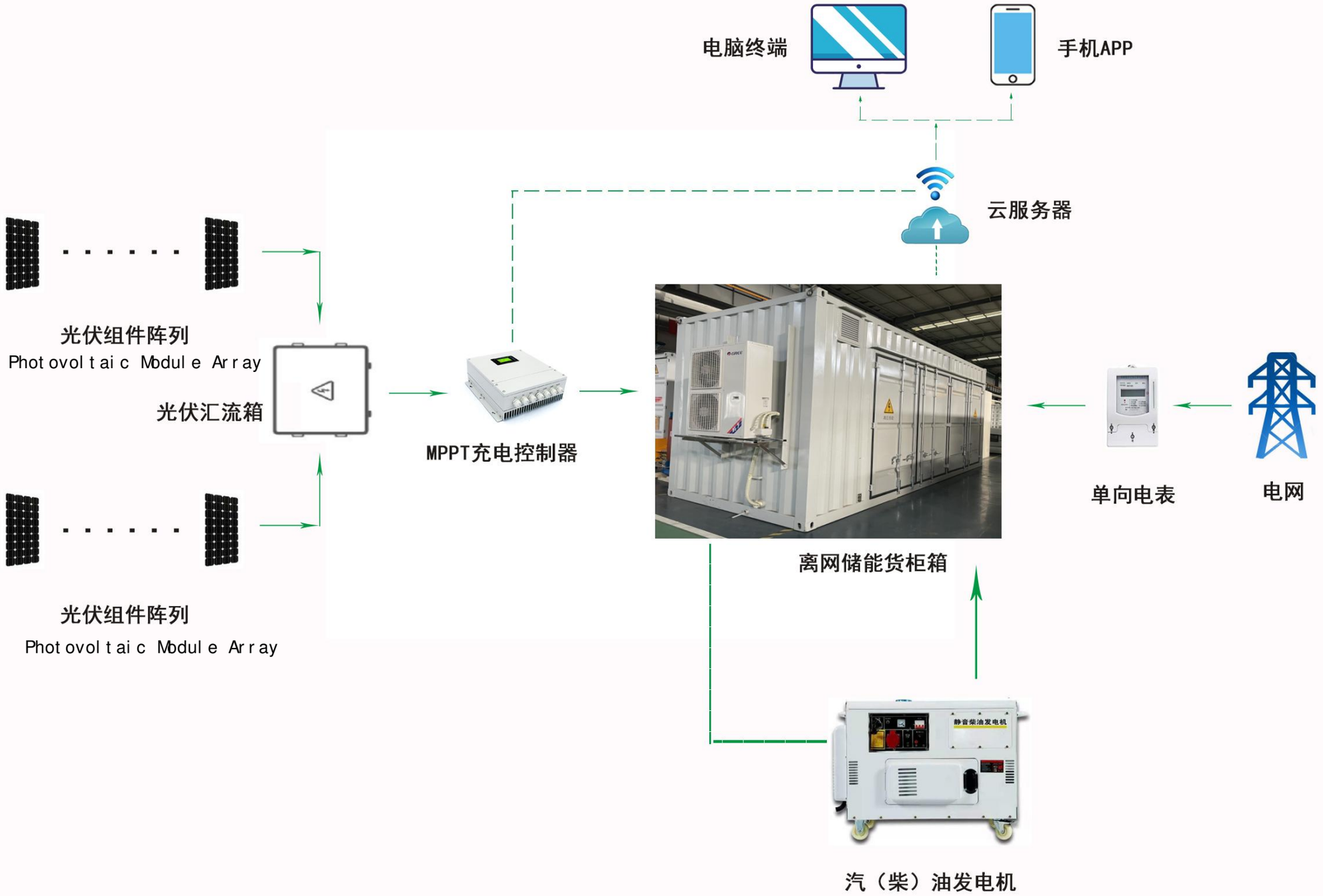
On site design for on-site installation

认证齐全
品质保证



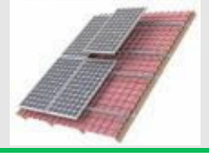
使用方便
操作简单

高效发电
长期稳定运行


电脑终端
手机APP
云服务器
光伏组件阵列
Photovoltaic Module Array
光伏汇流箱
MPPT充电控制器
离网储能货柜箱
单向电表
电网
光伏组件阵列
Photovoltaic Module Array
静音柴油发电机
汽（柴）油发电机

100KW 并网储能系统-三相

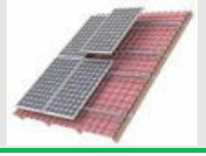
three-phase
100KW off grid energy storage system

编号No	项目Item	图片Picture	技术参数Specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 8 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	128 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input,1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	2 PCs
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	2 pcs
2	Off Grid Energy Storage Container Inverter: 100KW/400V Lithium battery: 200KWH Model: ESS 100K/400V		Inverter Rated output Power: 100KW Rated DC voltage: 400V AC output: 380/400VAC 50Hz Lithium battery Capacity: 500AH/400V, 200KWH Dimension: 2438*3000*2400 Warranty: 5 years	1 set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*600M 16mm2*200M MC4: 32 Pairs, Breakers and accessories	1 Set

150KW 离网储能系统-三相

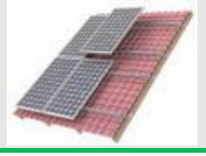
three-phase

150KW off grid energy storage system

编号No	项目Item	图片Picture	技术参数Specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 12 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	192 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input,1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	3 PCs
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	3 pcs
2	Off Grid Energy Storage Container Inverter: 150KW/400V Lithium battery: 300KWH Model: ESS 150K/400V		Inverter Rated output Power: 150KW Rated DC voltage: 400V AC output: 380/400VAC 50Hz Lithium battery Capacity: 750AH/400V, 300KWH Dimension: 2438*5000*2400 Warranty: 5 years	1 set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*800M 16mm2*300M MC4: 50 Pairs, Breakers and accessories	1 Set

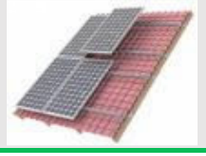
200KW离网储能系统-三相

three-phase
200KW off grid energy storage system

编号No	项目Item	图片Picture	技术参数Specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 16 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	256 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input,1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	4 PCs
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	4 pcs
2	Off Grid Energy Storage Container Inverter: 200KW/400V Lithium battery: 400KWH Model: ESS 200K/400V		Inverter Rated output Power: 200KW Rated DC voltage: 400V AC output: 380/400VAC 50Hz Lithium battery Capacity: 1000AH/400V, 400KWH Dimension: 2438*6000*2400 Warranty: 5 years	1 set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*800M 16mm2*400M MC4: 50 Pairs, Breakers and accessories	1 Set

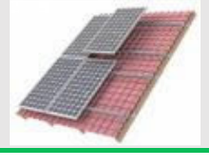
250KW 离网储能系统-三相

250KW off grid energy storage system three-phase

编号No	项目Item	图片Picture	技术参数Specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 20 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	320 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input,1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	5 PCs
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	5 pcs
2	Off Grid Energy Storage Container Inverter: 250KW/400V Lithium battery: 500KWH Model: ESS 250K/400V		Inverter Rated output Power: 250KW Rated DC voltage: 400V AC output: 380/400VAC 50Hz Lithium battery Capacity: 1250AH/400V, 500KWH Dimension: 2438*6000*2400 Warranty: 5 years	1 set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*1400M 16mm2*500M MC4: 80 Pairs, Breakers and accessories	1 Set

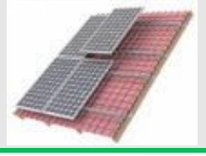
300KW 并网储能系统-三相

three-phase
300KW off grid energy storage system

编号No	项目Item	图片Picture	技术参数Specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 24 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	384 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input,1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	6 PCs
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	6 pcs
2	Off Grid Energy Storage Container Inverter: 300KW/400V Lithium battery: 600KWH Model: ESS 300K/400V		Inverter Rated output Power: 300KW Rated DC voltage: 400V AC output: 380/400VAC 50Hz Lithium battery Capacity: 1500AH/400V, 600KWH Dimension: 2438*8000*2400 Warranty: 5 years	1 set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*2000M 16mm2*600M MC4: 96 Pairs, Breakers and accessories	1 Set

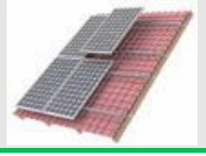
400KW 离网储能系统-三相

400KW off grid energy storage system three-phase

编号No	项目Item	图片Picture	技术参数Specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 32 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	512 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input,1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	8 PCs
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	8 pcs
2	Off Grid Energy Storage Container Inverter: 400KW/400V Lithium battery: 800KWH Model: ESS 400K/400V		Inverter Rated output Power: 400KW Rated DC voltage: 400V AC output: 380/400VAC 50Hz Lithium battery Capacity: 2000AH/400V,800KWH Dimension: 2438*8000*2400 Warranty: 5 years	1 set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*2600M 16mm2*800M MC4: 128 Pairs, Breakers and accessories	1 Set

500KW 离网储能系统-三相

500KW off grid energy storage system three-phase

编号No	项目Item	图片Picture	技术参数specification	数量Quantity
1	Mono half cell solar panels YCPV-545M10 16 pcs in one string 40 strings totally		Crystalline: Mono half cell Max work power: 545W Weight: 26.9KG Dimension: 2279*1134*35mm Max system Voltage: 1500V Warranty: 10 Years	640 Pcs
2	PV Combine box ESCB 4S-HV		4 PV input,1 output Max Voltage: 1000V Protection: IP65 Dimension: 400*425*145mm	10 PCs
3	Wide range MPPT Solar charge controller ESCC-100A/384		Nom. Charge Power: 40KW Nom. Work voltage: 384V Max PV Voc: 850V Size: 340*525*225mm	10 pcs
2	Off Grid Energy Storage Container Inverter: 500KW/400V Lithium battery: 1000KWH Model: ESS 500K/400V		Inverter Rated output Power: 500KW Rated DC voltage: 400V AC output: 380/400VAC 50Hz Lithium battery Capacity: 2500AH/400V,1000KWH Dimension: 2438*10000*2400 Warranty: 5 years	1 set
4	Mounting structure for solar panels Roof top type		Roof type solar racks Max Wind Speed: 55m/s, Max Snow Pressure: 1.5kn/m2 Material: High Strenghth Aluminum Alloy	1 Set
5	Cables & Accessories		PV cable: 4mm2*3200M 16mm2*1000M MC4: 160 Pairs, Breakers and accessories	1 Set

Project Case for Industrial Solar Energy Systems

伊拉克200KW光伏储能系统

200KW Photovoltaic Energy Storage System in Iraq

新圭亚那200KW双备份光伏储能系统

200KW Dual Backup Photovoltaic Energy Storage System in Guyana

四川甘孜70KW光伏储能系统
70KW Photovoltaic Energy Storage System in Ganzi Sichuan

尼日利亚100KW光伏储能系统
100KW Photovoltaic Energy Storage System in Nigeria

江苏200KW光伏储能系统

200KW Photovoltaic Energy Storage System in Jiangsu

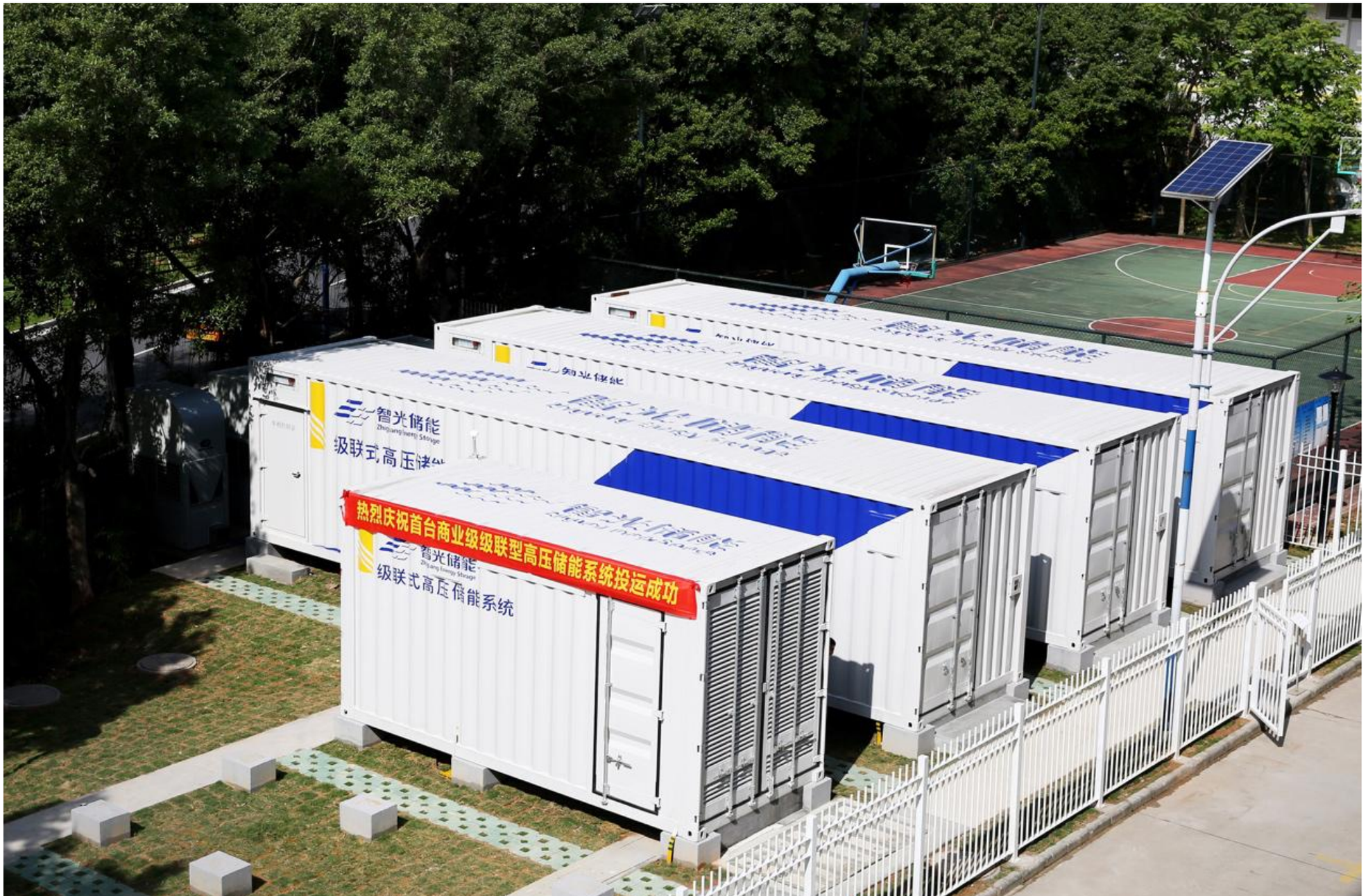
浙江400KW光伏储能系统

400KW Photovoltaic Energy Storage System in Zhejiang

中山1.2MW光伏储能系统
1.2MW Photovoltaic Energy Storage System in Zhongshan

广东智光 1.5MW/3MWH 储能项目

Guangdong Zhiguang 1.5MW/3MWH Energy Storage Project



广东五沙热电厂 9MW/5MWH 储能项目

Guangdong Wusha Thermal Power Plant 9MW/5MWH Energy Storage Project

广东韶关5MW/5MWH 光伏储能项目

5MW/5MWH Photovoltaic Energy Storage Project in Shaoguan Guangdong