

### 3 Household energy storage products



#### Product characteristics

1. Modular design, independent maintenance;
2. Support the use of parallel machine to meet different power demands;
3. Solar power storage prioritized power supply, energy saving and emission reduction, low noise, good safety performance;
4. Independent R&D and production of special BMS for energy storage, safe and reliable;
5. Variety of power supply modes;
6. Support the standby mode of diesel generator set;
7. Configure the local monitoring interface and cloud monitoring system, which can realize the real-time monitoring of the unit in the local or remote area, and always grasp the operating status of the unit, easy and peace of mind.

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#### Introduction of SWT photovoltaic power generation system

- Container-style Hybrid Energy Micro Power Station
- Hybrid energy generator set
- Household energy storage products

# 1 Container-style Hybrid Energy Micro Power Station

—With the duty room, photovoltaic panels on roof



## —Spread type

The photovoltaic retract and spread mechanism adopts frame design, can be disassembled and shipped independently, and the control system is hydraulic type and equipped with self Clean system and the wind speed alarm system for safe and reliable use.

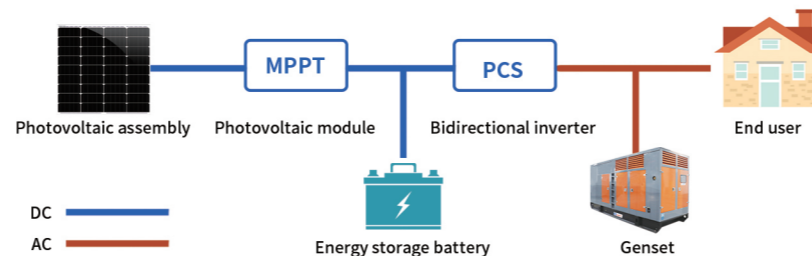


## Product characteristics

- 1, Compact structure, standard container size, easy to transport;
- 2, Overall reinforced structure, easy for lifting and transfer;
- 3, Solar power storage prioritized power supply, energy saving and emission reduction, low noise, good safety performance;
4. Strong field adaptability;
- 5, Variety of power supply modes;
6. Diesel generator set standby mode, EMS intelligent control of diesel generator set economic operation, improve the overall utilization rate of the system;
7. Seamless switching mode on Solar power storage inverter system and the diesel generator input and cut out to avoid economic losses caused by power failure.
8. Configure the local monitoring interface and cloud monitoring system, which can realize the real-time monitoring of the unit locally or remotely, and always grasp the operating status of the unit, easy and peace of mind.

## Product structure

—With the duty room, photovoltaic panels on roof

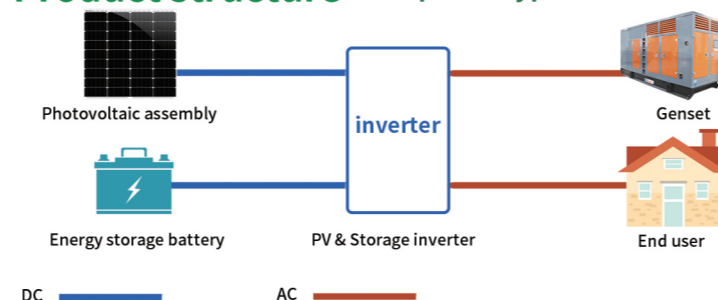


## Product configuration

—With the duty room, photovoltaic panels on roof

Part name	Specification Parameters
Diesel generating set	AC400V 24kW
Solar Power, Diesel Power & storage integrated inverter system	EMS intelligent control system
Photovoltaic system	5.2kWp
Energy storage system	Lithium iron phosphate, capacity: 50kWh
Energy storage converter system	Bi-directional PCS, 30kW
Video surveillance system	HD Camera/2T
Cloud monitoring system	Real-time monitoring via mobile APP and computer terminals
Fire fighting system	Automatic alarm, dry powder fire extinguisher
On Duty and office	Meet the daily life and office needs (office furniture, lighting, air conditioning, etc.)
Soundproof enclosure	20GP/20HC ISO container

## Product structure —Spread type



## Product configuration —Spread type

Part name	Specification Parameters
Diesel generator set	Rated power: 30kW, AC400/415V 50HZ 3P + N (silent type)
Solar Power, Diesel Power & storage integrated inverter system	EMS intelligent control system
Photovoltaic system	5.6kWp
Photovoltaic panel spread mechanism	Hydraulic extension, can be disassembled and installed independently
Wind speed monitoring system	
Energy storage system	Lithium iron phosphate, capacity: 60kWh (equipped with independent fire fighting and display system)
Solar Power storage integrated inverter	30kW, AC400/415V/3P+N
Cloud monitoring system	Real-time monitoring via mobile APP and computer terminals
Fire fighting system	Dry powder fire extinguisher
Soundproof enclosure	20GP/20HC ISO container

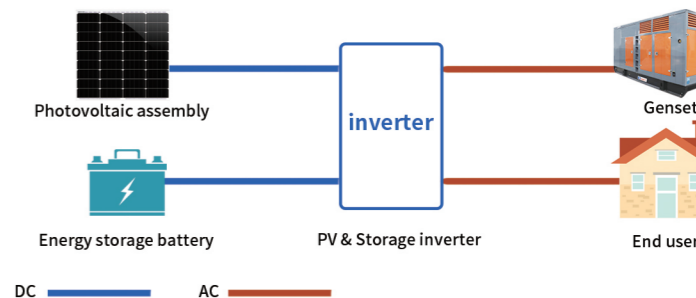
# 2 Hybrid energy generator set



## Product characteristics

- 1, Compact structure, ultra-quiet cover design, easy to transport;
- 2, Overall reinforced structure, easy for lifting and transfer;
- 3, Solar power storage prioritized power supply, energy saving and emission reduction, low noise, good safety performance;
4. Strong field adaptability;
- 5, Variety of power supply modes;
6. Diesel generator set standby mode, EMS intelligent control of diesel generator set economic operation, improve the overall utilization rate of the system;
7. Seamless switching mode on Solar power storage inverter system and the diesel generator input and cut out to avoid economic losses caused by power failure.
8. Configuring the local monitoring interface and cloud monitoring system, which can realize the real-time monitoring of the unit locally or remotely, and keep track on operating status of the unit.

## Product characteristics



## Product configuration

Part name	Specification parameters
Diesel generating set	Rated power: 12kW, AC400V/415V 50HZ 3P + N (silent type)
Energy storage system	Lithium iron phosphate, capacity: 20kWh
Solar Power & storage integrated	10kW, AC400/415V/3P+N
Cloud monitoring system	Real-time monitoring via mobile APP and computer terminals
Soundproof enclosure	1900*750*1150(mm)