



COMPANY PRODUCTS CATALOGUE (EU VERSION)

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Solar System



Solar Panel



Solar Inverter



Solar Battery



SOLAR INVERTER

Single phase 220V L+N+PE / Three phase 400V 3W+N+PE

➤ ENERGY STORAGE INVERTER



1-12KW

- Single Phase

- Support for time-of-use optimization
- Configurable operation modes
- Build in anti-feed-in function
- Compact size and easy installation

3-50KW

- Three Phase

- Support for time-of-use optimization
- Configurable operation modes
- AFCI (Optional) & rapid shutdown ready
- Smart Monitoring



➤ ON GRID INVERTER



1-10KW

- Single Phase

- MPPT efficiency > 99.9%
- Two MPPT design
- Quick and easy installation
- High-quality power output



3-110KW

- Three Phase

- MPPT efficiency > 99.9%
- IP 68 cooling fan
- AC output 1.1x continuous operation
- Adjust power factor

➤ OFF GRID INVERTER



3.5-10KW

- Support Parallel

- Pure sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Built-in MPPT solar controller
- Wifi/GPRS remote monitoring

30-500KW

MPS microgrid hybrid inverter

- Easy expansion, support PV flexible configuration
- DC-coupled solution with 2% higher system efficiency
- Support single-phase and three-phase load power supply at the same time
- Internal integration PV interfaces, battery interfaces, load interfaces and grid interfaces



SOLAR LITHIUM BATTERY

Photovoltaic lithium batteries are now widely used in household energy storage, industrial and commercial energy storage, etc.

01 WALL MOUNTED LITHIUM BATTERY



51.2V 5.22/10.44KWH

SW51B100TW2/SW51B200TW2

- Reduce floor space,wall-mounted installation
- LFP rechargable battery A+ Grade cell
- IP65 protection class,suit for outdoor installation
- Extramly long life cycle,more than 6000 times or 10 years

02 RACK MOUNTED LITHIUM BATTERY



48V 100AH/200AH

SW48B100/SW48B200

- Usable Capacity: 4.8kwh/9.6kwh
- Nominal Voltage: 48V
- Cycle Life: ≥4000cycles
- Design Life: ≥10years
- Certification: US38.3, MSDS, UL1973, IEC62619



51.2V 280AH/314AH

SW51B280/SW51B314

- Usable Capacity: 14.33kwh/16.07kwh
- Nominal Voltage: 51V
- Cycle Life: ≥6000cycles
- Design Life: ≥15years

03 MOVABLE WHEEL LITHIUM BATTERY



51.2V 14.33KWH

SW51B280TW2

- Wheel design, easy to move
- Safety performance and long cycle life
- LFP rechargable battery A+ Grade cell
- Flexible configurations allow parallel of multi battery

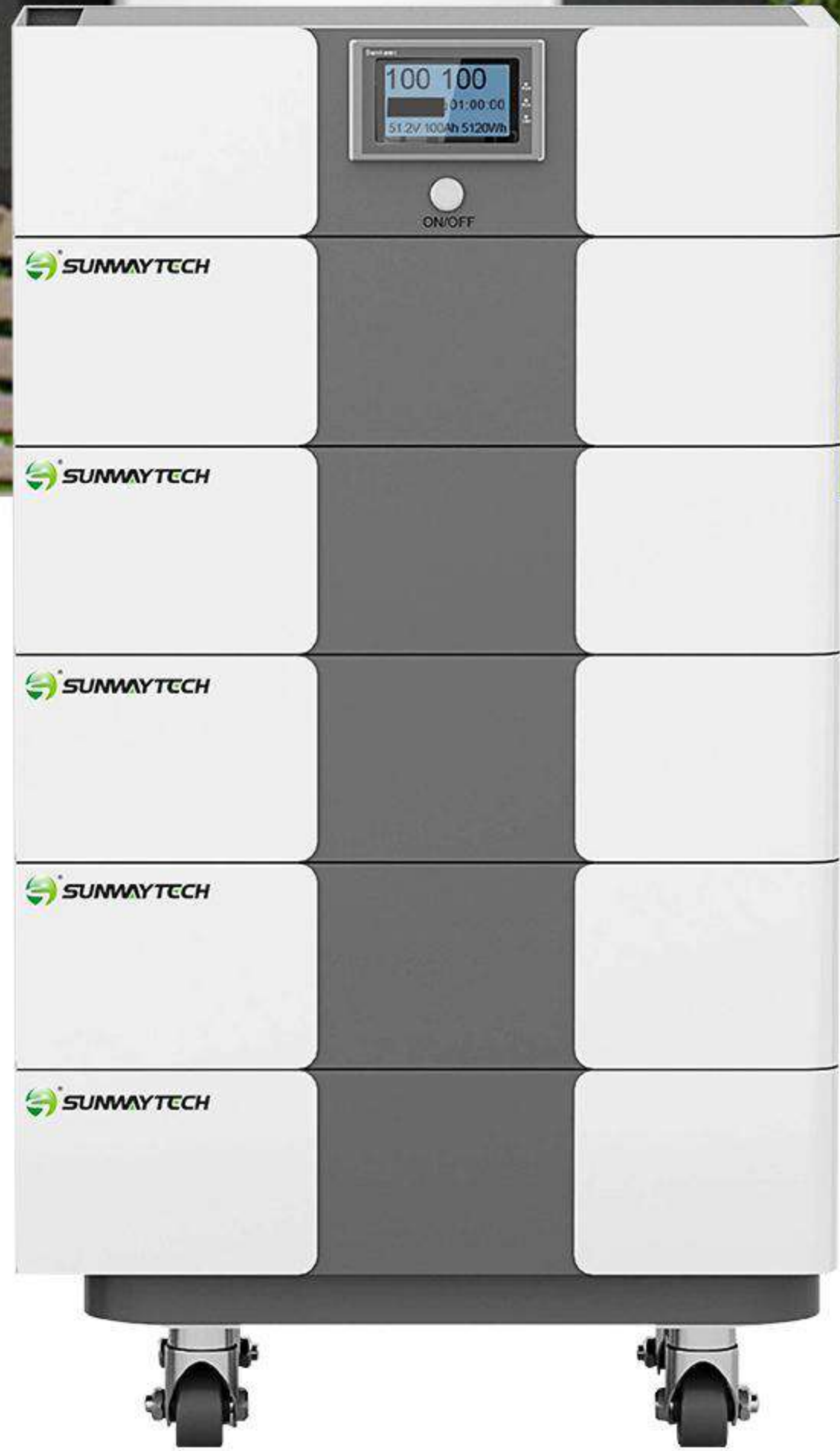
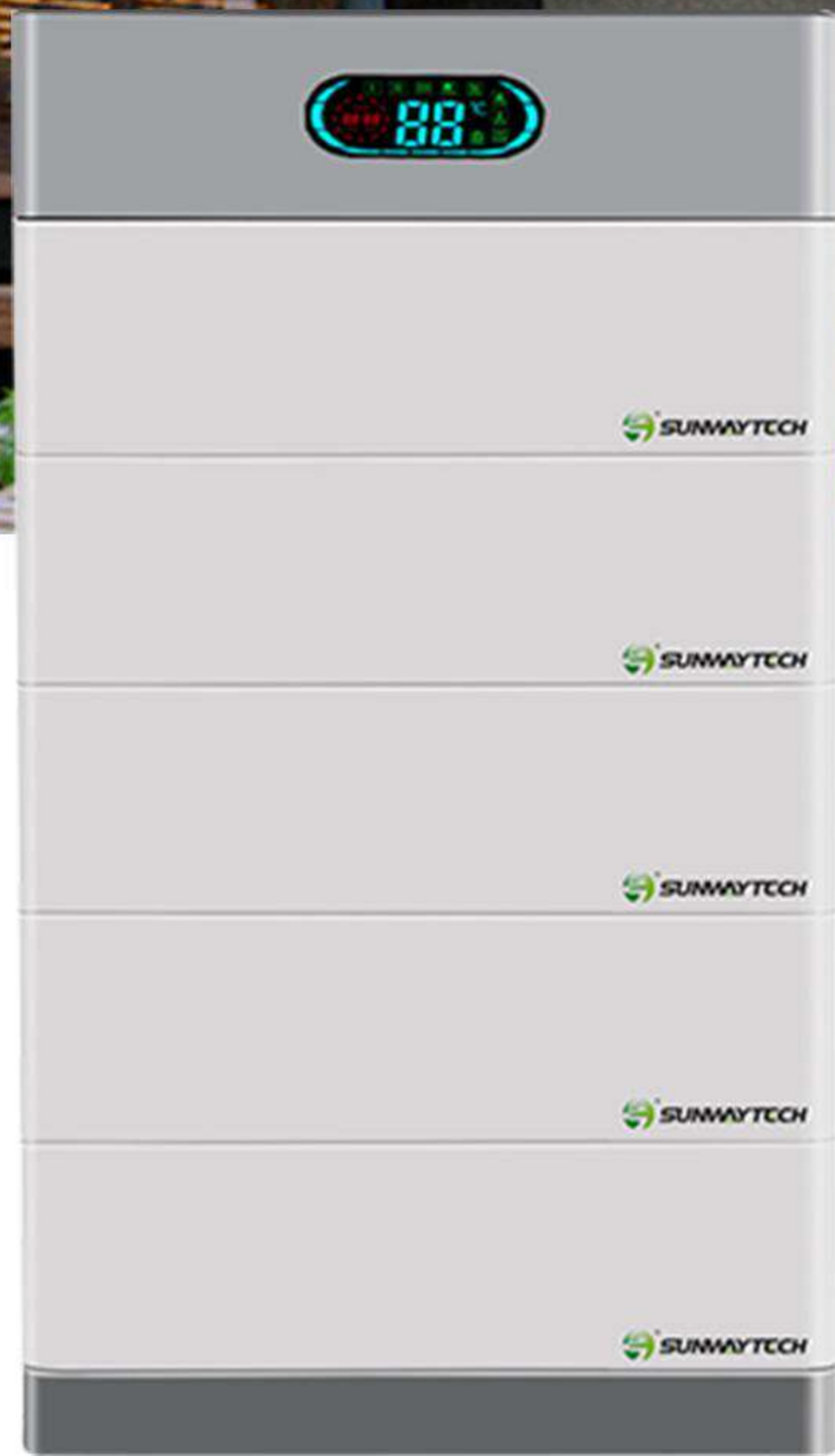
04 STACK MOUNTED LITHIUM BATTERY



SW48B-HV-2500

Support 1-8 modules in parallel

48V 2.5KWH EACH



SW51B-HV-5000

Support 1-8 modules in parallel

51.2V 5KWH EACH

OUTDOOR ESS CABINET



50KW 100KWH

Max charging/discharging power: 50KW

Nominal battery voltage: 768V

Total energy: 100kWh

IP grade: IP54

Cycle life: ≥6000

100KW 215KWH

Max charging/discharging power: 100KW

Nominal battery voltage: 844.8V

Total energy: 215kWh

IP grade: IP54

Cycle life: ≥6000



Peak cutting and
Valley filling



Photovoltaic
applications



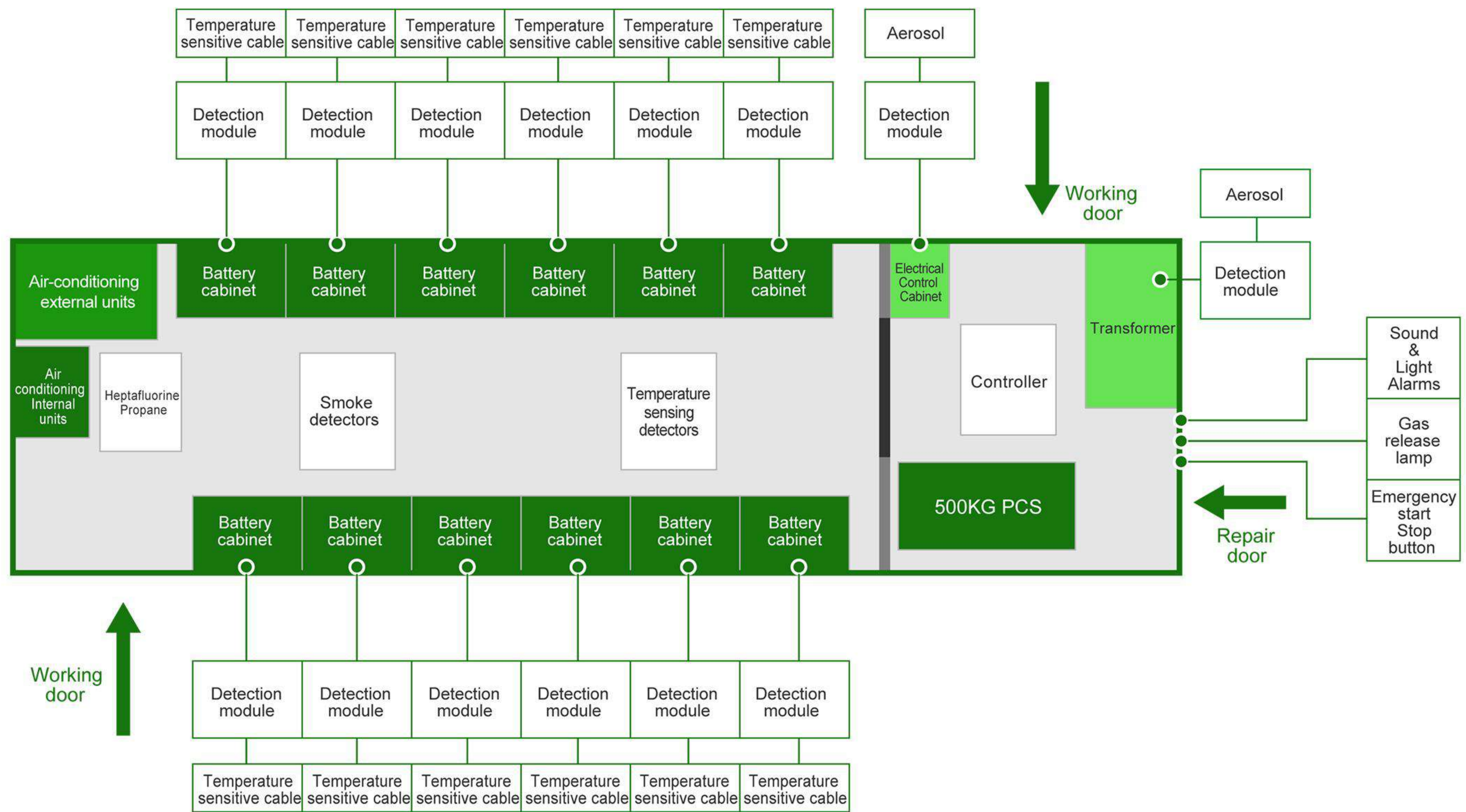
Dynamic capacity
increase



Off-grid
backup power



Specification	40FT ESS container system
Output power(KW)	250-1000(Customized)
Battery capacity(KWH)	1000-2000(Customized)
IP grade	IP54
Operating temperature	-20-55℃
Altitude(m)	3000
Size(L*W*Hm)	12.192×2.438×2.896
Heat Dissipation System	Industrial air conditioning/Forced air cooling/Temperature control
Monitoring system	EMS/Video monitoring
Fire fighting systems	Heptafluoropropane
Access control systems	Equipped
Lighting systems	Normal&Emergency
BMS	Equipped

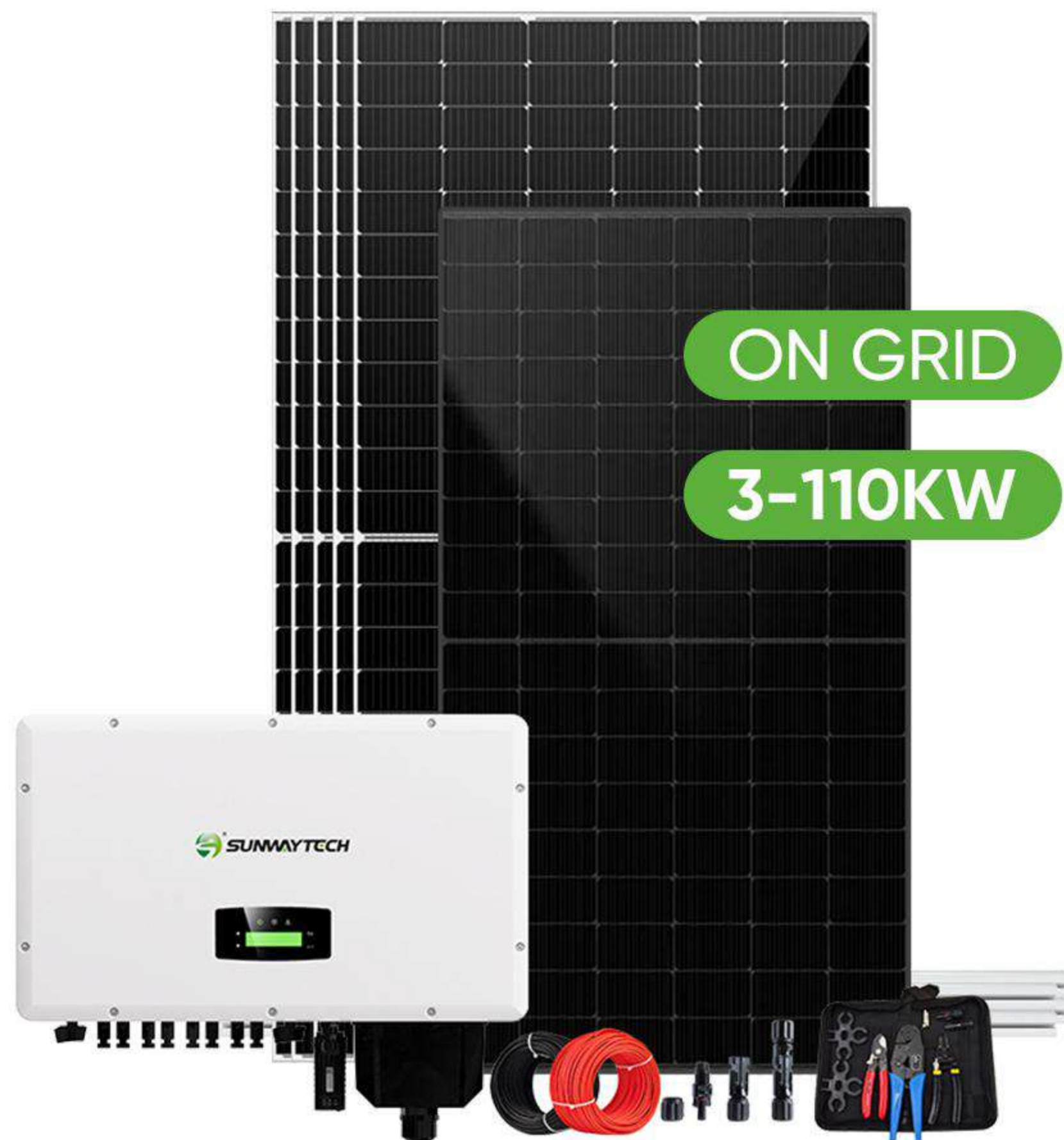


SOLAR SYSTEM

ON GRID/OFF GRID/HYBRID/BALCONY SOLAR SYSTEM



ON GRID
1-10KW



ON GRID
3-110KW



ON GRID
500KW-1MW



BALCONY SYSTEM
800W



3.5-10KW Off grid system



5KW All-in-one off grid system



1-12KW Hybrid system



3-50KW Hybrid system



30-500KW Energy storage

RELATED PRODUCTS

Combiner Box/Solar Cable/Connector/Portable Solar System



DC Combiner Box

- > Wide range of DC input voltage
- > Multiple machines can work in parallel
- > Meet the need of indoor and outdoor installation



AC Combiner Box

- > IP65 protection grade
- > Used widely, Strict test for high and low temperature
- > Easy and fast maintenance
- > Multiple machines can work in parallel



Battery Combiner Box

- > Provides simplified and flexible installation process
- > Supports sunway battery with backup application
- > Eases maintenance with field-replaceable fuses

Solar Mounting System

- > Residential roof(Pitched roof)
- > Commercial roof(Flat roof&workshop roof)
- > Ground solar mounting system
- > Vertical wall solar mounting system
- > All aluminum structure solar mounting system
- > Car parking solar mounting system



Solar Cable

- > Double layer sheath
- > Tin plating process,copper inner core
- > Long service life
- > 4mm²/6mm²/10mm²/16mm²/25mm²/35mm²

MC4 Connector

- > Copper inner core and tin plated surface
- > IP67 waterproof grade
- > Fast connection, snap lock, safe and reliable
- > Insulation flame retardant material



Portable Power Station

- > Larger smart display
- > Big capacity and fast charging
- > Eco-friendly clean and free