

YISHENG

# YISHENG INDUSTRIAL

## MANUFACTURING BASE OF PORTABLE POWER STATION

Power Anything Anywhere Anytime

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MAGIC ENERGY

## PRODUCT CATALOG

[www.yishengind.com](http://www.yishengind.com)

# About Yisheng

## Company profile

YISHENG INDUSTRIAL Located in Shenzhen, Founded in 2012, has been focused on continuous R&D and innovation of distributed energy storage product and technology of micro-grid. We applied patents on the international advanced battery storage technology for new energy and provide the total scheme for application of energy storage battery each year.

Besides, YISHENG is the global leader in the Integration of Solar Photovoltaic Generation with Battery Storage, the On/Off-Grid Bidirectional Inverters, the Intelligent Energy Management System Based on Internet, and etc.

We serve customers with our complete sets of Project Design, R & D, Manufacture, Sales and After-sales of the Residential / Commercial photovoltaic energy storage system, and the Portable energy storage or the DC energy storage schemes. As our products have been sold in more than 70 countries and area, we have improved ourselves into one of the main manufacturers in the energy storage industry.

We have our own SMT department, Battery Pack workshop and Testing laboratory, we understand all the 3 key dimensions of solutions development that includes Hardware technologies, Software technologies and Compatibility, This gives us a unique strength in comprehensively understanding our customer needs along with the depth of the technology understanding. There are 25 engineers with more than 10 years experience in BMS management application, inverter applications, Which make it possible for us to provide high quality solar power station. Designed with outdoor enthusiasts in mind, YISHENG solar generator with the MPPT Solar panels can capture solar power in a more efficient way, allows the explorers to enjoy an endless supply of power for extended time outdoors. Power Anything Anywhere Anytime.



# MAGIC ENERGY



# YISHENG

# PORTABLE POWER STATION



# Certification

## Product Certification



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YISHENG



## 3600W PORTABLE POWER STATION

### ME-M3600

#### Portable Power Station

- Rated power: 3600W
- Battery type: LiFePO4
- Battery Capacity: 3200Wh(28.8V 125Ah)
- USB output: 5V 2.4A
- DC output: 12V 10A MAX
- Type-c 1 Output: PD100W
- Type-c 2 Output: PD18W
- QC3.0: 18W, 5V/3A, 9V/2A, 12V/1.5A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 28.8V 8A
- Fast Charging: 28V 40A
- Solar Charging: 18V~30V 50W~200W
- G.W.: 32KGS

#### Key Features

- Pure Sine Wave
- Solar charging input
- Can charge and discharge at the same time
- High power, Large capacity, light weight
- Support Fast Charging



### ME-M2200

#### Portable Power Station

- Rated power: 2000W
- Battery type: LiFePO4 / Ternary Lithium Battery
- Battery Capacity: 2240Wh(22.4V 100Ah) / 2220Wh(22.2V 100Ah)
- USB output: 5V 2.4A
- DC output: 12V 10A MAX
- Type-c 1 Output: PD100W
- Type-c 2 Output: PD18W
- QC3.0: 18W, 5V/3A, 9V/2A, 12V/1.5A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 25.5V 8A
- Solar Charging: 18V~30V 50W~200W
- G.W.: 21.5KGS

#### Key Features

- Pure Sine Wave
- Solar charging input
- Can charge and discharge at the same time
- High power, Large capacity, light weight



## 2000W PORTABLE POWER STATION



M Series

## ME-M1200

### Portable Power Station

- Rated power: 1000W
- Battery type: Ternary Lithium Battery
- Battery Capacity: 1110Wh(22.2V 50Ah)
- USB output: 5V 2.4A
- DC output: 12V 10A MAX
- Type-c 1 Output: PD100W
- Type-c 2 Output: PD18W
- QC3.0: 18W, 5V/3A, 9V/2A, 12V/1.5A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 25.5V 8A
- Solar Charging: 18V~30V 50W~200W
- G.W.: 14KGS

### Key Features

- Pure Sine Wave
- Solar charging input
- Can charge and discharge at the same time
- High power, Large capacity, light weight



## ME-M306

### Portable Power Station

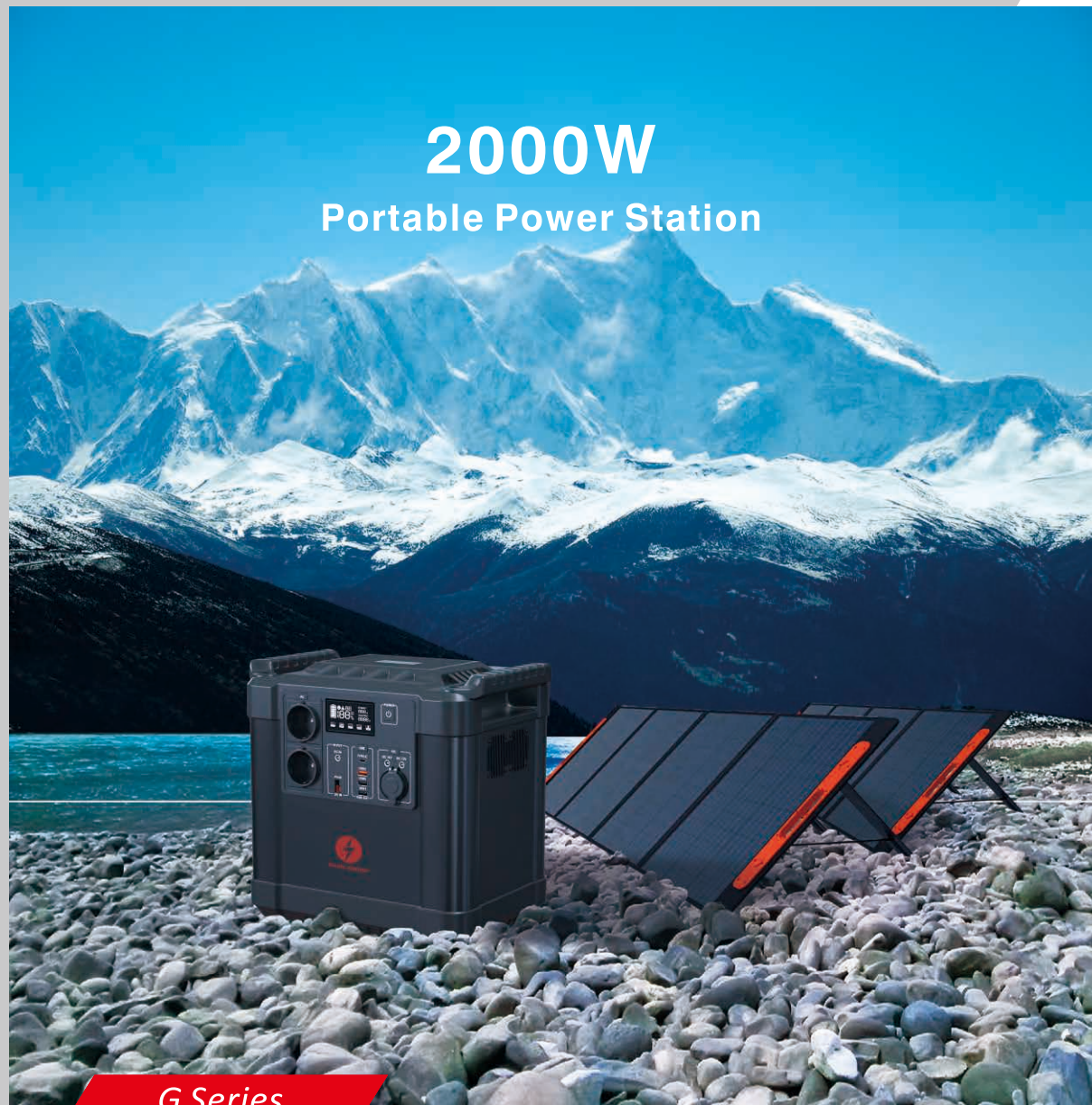
- Rated power: 300W
- Battery type: 18650
- Battery Capacity: 296Wh
- USB output: 5V 2.4A
- DC output: 12V 10A MAX
- Type-c Output: PD45W
- QC3.0: 18W, 5V/3A, 9V/2A, 12V/1.5A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 19V 3A
- Solar Charging: 18V~30V 50W~200W(80W MAX)
- G.W.: 3.7 KGS

### Key Features

- Pure Sine Wave
- Solar charging input
- Can charge and discharge at the same time
- High power, Large capacity, light weight



# 2000W Portable Power Station



G Series

## ME-G2000

### Portable Power Station

- Rated power: 2000W
- Battery type: Ternary Lithium Battery
- Battery Capacity: 2220Wh(22.2V 100Ah)
- USB output: 5V 2.4A
- DC output: 12V 10A MAX
- Type-c Output: PD60W
- QC3.0: 18W, 5V/3A, 9V/2A, 12V/1.5A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 25.5V 8A
- Solar Charging: 18V~30V 50W~200W
- G.W.: 21.5KGS

### Key Features

- Pure Sine Wave
- Solar charging input
- Can charge and discharge at the same time
- High power, Large capacity, light weight



## ME-G1600

### Portable Power Station

- Rated power: 2000W
- Battery type: LiFePO4
- Battery Capacity: 1410Wh(22.4V 63Ah)
- USB output: 5V 2.4A
- DC output: 12V 10A MAX
- Type-c Output: PD60W
- QC3.0: 18W, 5V/3A, 9V/2A, 12V/1.5A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 25.5V 8A
- Solar Charging: 18V~30V 50W~200W
- G.W.: 17.5KGS

### Key Features

- Pure Sine Wave
- Solar charging input
- Can charge and discharge at the same time
- High power, Large capacity, light weight





## G Series

### ME-G1000

#### Portable Power Station

- Rated power: 1000W
- Battery type: LiFePO4 / Ternary Lithium Battery
- Battery Capacity: 1110Wh(22.2V 50Ah)
- USB output: 5V 2.4A
- QC3.0: 18W, 5V/3A, 9V/2A, 12V/1.5A
- DC output: 12V 10A MAX
- Type-c Output: PD60W
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 26V 4.5A
- Solar Charging: 18V~30V 50W~200W
- G.W.: 14KGS

#### Key Features

- Pure Sine Wave
- Solar charging input
- Can charge and discharge at the same time
- High power, Large capacity, light weight



### ME-G500

#### Portable Power Station

- Rated power: 500W
- Battery type: Ternary Lithium Battery
- Battery Capacity: 460Wh(12.8V 36Ah)
- USB output: 5V 2.4A
- DC output: 12V 8A MAX
- Type-c Output: 5V 3A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 14.6V 4A
- Solar Charging: 18V~30V 50W~200W
- G.W.: 7KGS

#### Key Features

- Pure Sine Wave
- Solar charging input
- Large capacity, light weight



### ME-G301

#### Portable Power Station

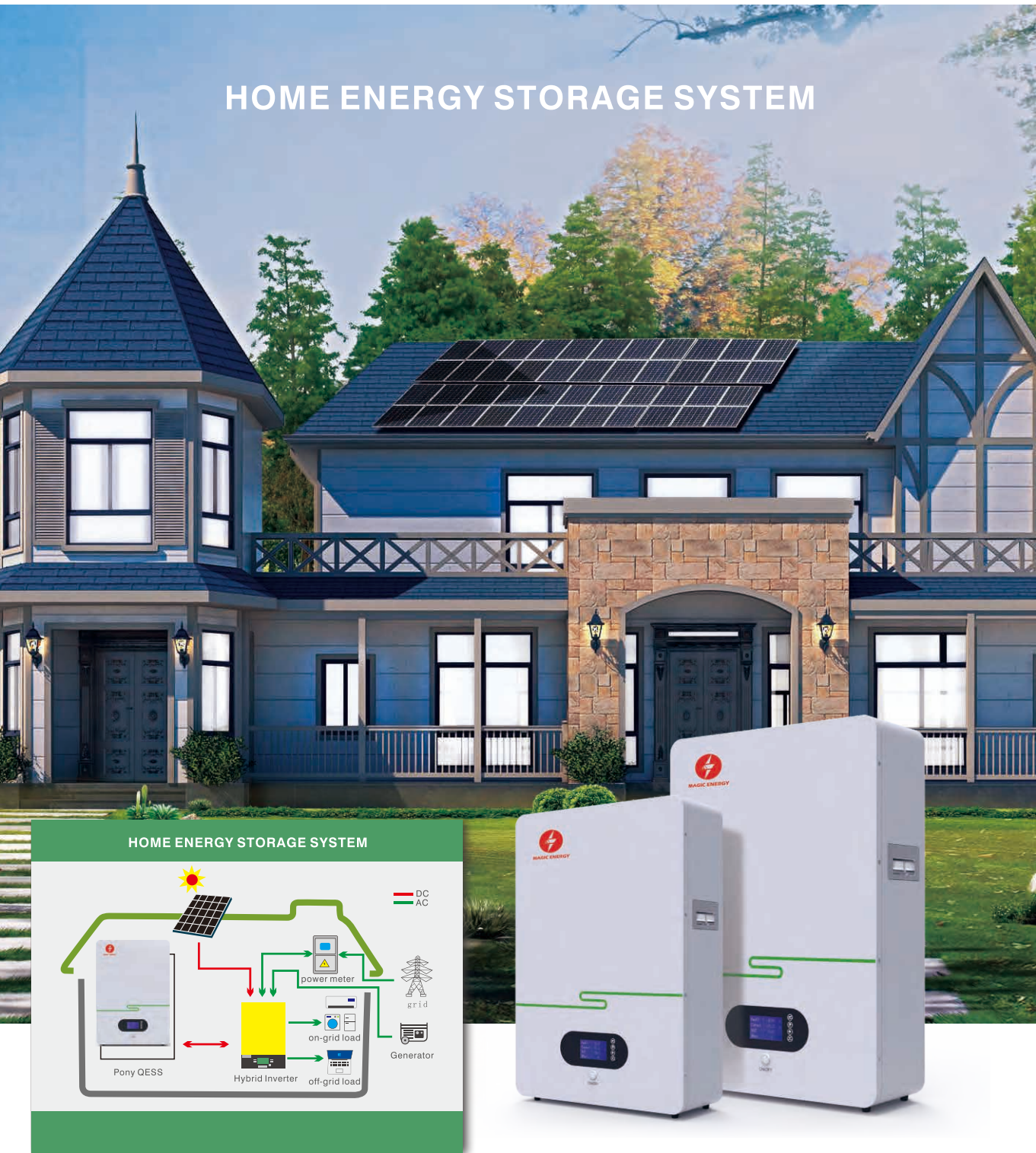
- Rated power: 300W
- Battery type: 18650
- Battery Capacity: 296Wh
- USB output: 5V \*2.1A, 5V \*1A
- DC output: 12V 6A MAX
- Type-c Output: 5V/3A, 9V/2A, 12V/1.25A, 12V/1.5A
- QC3.0: 5V/3A, 9V/2A, 12V/1.25A, 12V/1.5A
- AC Output: 220V ~ 240V 50Hz / 100V ~ 120V 60Hz
- Charge Input: 19V 3A
- Solar Charging: 18V~30V 50W~200W(80W MAX)
- G.W.: 3.6KGS

#### Key Features

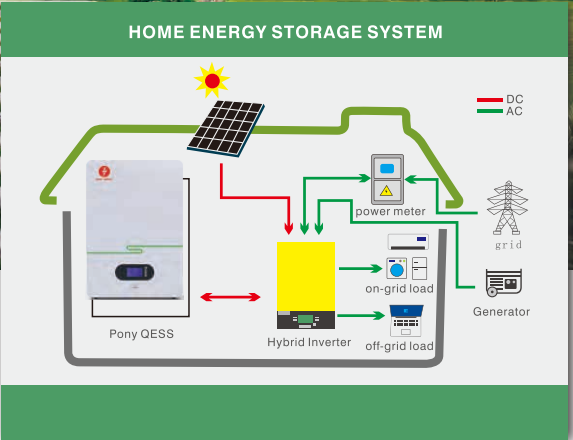
- Pure Sine Wave
- Solar charging input
- 5W LED light
- LCD display



# HOME ENERGY STORAGE SYSTEM



## HOME ENERGY STORAGE SYSTEM



## ME-H10KWH

Powerwall Home

- Cell Type:LFP
- Charge Current:50A
- Nominal Voltage:51.2V
- Nominal Capacity:200Ah
- Internal Resistance:≤30mΩ
- Standard Charge Voltage:58.4V
- Discharge Cut-off Voltage:45V
- Max Discharge Current:100A
- Charge Temperature Range:0 ~ 60°C
- Discharge Temperature Range:-20 ~ 60°C
- Paralles Function:Support 8 units in parallels
- Cycle Life:≥5000 cycles @ 80% DOD, 25°C, 0.5C
- Communication Interface:RS485 / RSS232 CAN(Optional)
- Product Specification:51.2V 200AH LiFePO4 PowerWall
- Dimensions:673\*618\*193 mm
- Weight:89KGS



## ME-H5KWH

Powerwall Home

- Cell Type:LFP
- Charge Current:50A
- Nominal Voltage:51.2V
- Nominal Capacity:100Ah
- Internal Resistance:≤30mΩ
- Standard Charge Voltage:58.4V
- Discharge Cut-off Voltage:45V
- Max Discharge Current:100A
- Charge Temperature Range:0 ~ 60°C
- Discharge Temperature Range:-20 ~ 60°C
- Paralles Function:Support 8 units in parallels
- Cycle Life:≥5000 cycles @ 80% DOD, 25°C, 0.5C
- Communication Interface:RS485 / RSS232 CAN(Optional)
- Product Specification:51.2V100AH LiFePO4 PowerWall
- Dimensions:600\*510\*173 mm
- Weight:52KGS



# ME-AR3

## Air Conditioner Specification

- Wind Speed Level:4
- Sound Level:52dB(A)
- Cooling Capacity:650W
- Climate Type:T1
- Cooling Rated Input:240W
- Rated Voltage:24V DC
- Moisture Prtection:IPX4
- Working Mode:Cool, Fan (4 level), Sleep, Super Cold
- Unit Size:20"L X 10"W X 11"H
- Weight:16.5lb

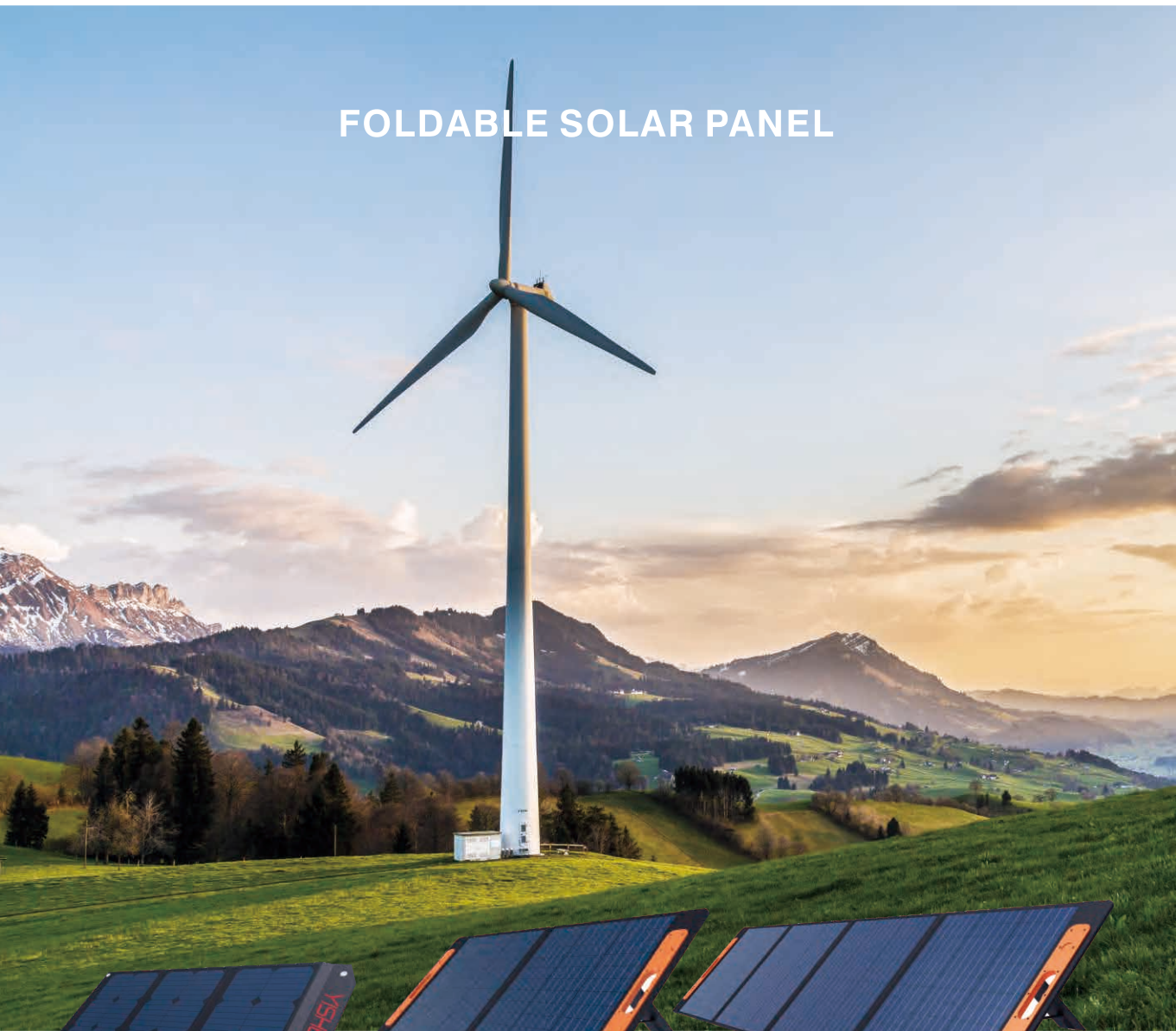


## Smart Battery Specification

- Capacity:24V 35Ah/ 840Wh
- DC Charge Input: 18V-36V
- DC Jack Output:12V/5A Max
- USB Type A:5V/2A Max
- USB Type C:PD(5V,9V,12V,20V/45W Max)
- Battery Type:18650 Lithium Ion Polymer Battery
- Full Charge Time:5-6 hours (by official power adapter)
- Operation Temperature:0(32°F) - 60C(140F)
- Unit Size:20"L X 8.6"W X 2.3"H
- New Weight:12lb/5.5kgs



FOLDABLE SOLAR PANEL



ME-S60

ME-S100

ME-S200



Specifications:

| Product model                   | ME-S60<br>(21W Solar panel*3pcs)                  | ME-S100<br>(50W Solar panel*2pcs)                 | ME-S200<br>(50W Solar panel*4pcs)                 |
|---------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Output Ports                    | USB5V 3.1A (Max)                                  | USB5V 3.1A (Max)                                  | USB5V 3.1A (Max)                                  |
|                                 | USB5V 3.1A (Max)                                  | USB5V 3.1A (Max)                                  | QC3.0(5V/3A, 9V/2A, 12V/1.5A Max)                 |
|                                 | QC3.0(5V/3A, 9V/2A, 12V/1.5A Max)                 | Type-C(5V/3.3A,9V/3.3A, 12V/3.3A,20V/3.3AMax)     | Type-C(5V/3.3A,9V/3.3A, 12V/3.3A,20V/3.3AMax)     |
|                                 | DC18V 3.30A (Max)<br>5521 socket                  | DC18V 3.30A (Max)<br>5525 socket                  | DC18V 3.30A (Max)<br>5525 socket                  |
| Power Rating                    | 60Pm(W)                                           | 100                                               | 200                                               |
| Power tolerance                 | ± 10 (%)                                          | ± 10 (%)                                          | ± 10 (%)                                          |
| Peak power voltage (Vmp)        | 18V                                               | 18V                                               | 18V                                               |
| Peak power current (Imp)        | 3.3A                                              | 5.5A                                              | 11A                                               |
| Open circuit voltage (Voc)      | 21.6V                                             | 21.6V                                             | 21.6V                                             |
| Short circuit current (Isc)     | 3.66A                                             | 6A                                                | 12A                                               |
| Soar cell efficiency            | 22(%)                                             | 22(%)                                             | 22(%)                                             |
| Power temperature coefficient   | -0.43(%/°C)                                       | -0.43(%/°C)                                       | -0.43(%/°C)                                       |
| Voltage temperature coefficient | -0.33(%/°C)                                       | -0.33(%/°C)                                       | -0.33(%/°C)                                       |
| Current temperature coefficient | 0.05(%/°C)                                        | 0.05(%/°C)                                        | 0.05(%/°C)                                        |
| Operating temperature/humidity  | -20~ +70<br>(D25 10~80%) (°C)                     | -20~ +70<br>(D25 10~80%) (°C)                     | -20~ +70<br>(D25 10~80%) (°C)                     |
| Junction Box/Connetctor         | Ip65 rated                                        | IP65 rated                                        | IP65 rated                                        |
| Working life                    | More than 5 years                                 | More than 5 years                                 | More than 5 years                                 |
| International standard          | STC.: AM 1.5,sunlight<br>intensity 1000w/m² ,25°C | STC.: AM 1.5,sunlight<br>intensity 1000w/m² ,25°C | STC.: AM 1.5,sunlight<br>intensity 1000w/m² ,25°C |
| Product size(Folded)            | 415x370x45mm                                      | 595x525x45mm                                      | 605x525x60mm                                      |
| Product size(UNFolded)          | 1275x415x30mm                                     | 1190x525x35mm                                     | 2250x525x45mm                                     |
| Product weight                  | 2.5Kg                                             | 3.4Kg                                             | 6.8Kg                                             |



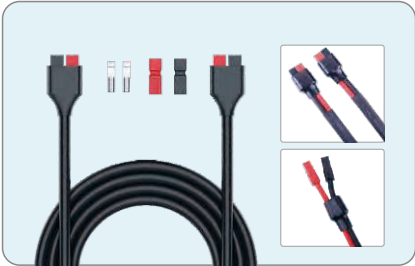
◀ FOLDING TROLLEY



Lithium Battery Charger



Folding Trolley



2-in-1 Anderson parallel charging cable



5M Anderson cable



Anderson to MC4 cable



DC to MC4 cable



Car Chager