



# **Illuminate The World Empower The Future**

Huaping Smart Information Technology (Shenzhen) Co., Ltd





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## Company Introduction

# HUAPING GROUP

Huaping group. (stock code: 300074) is a well-known video product and application provider in China. It masters core technologies such as video processing, video and audio encoding and decoding, and network adaptability. It is committed to providing users with leading video and audio communication products and professional smart city industry visualization application solutions through the industry-oriented innovative application of video + technology, promoting the innovation of business models in various industries and improving the level of intelligence in people's lives.

Huaping has successfully laid out new energy and smart cities while stabilizing the video market, and launched new industry solutions for smart energy storage and smart communities.

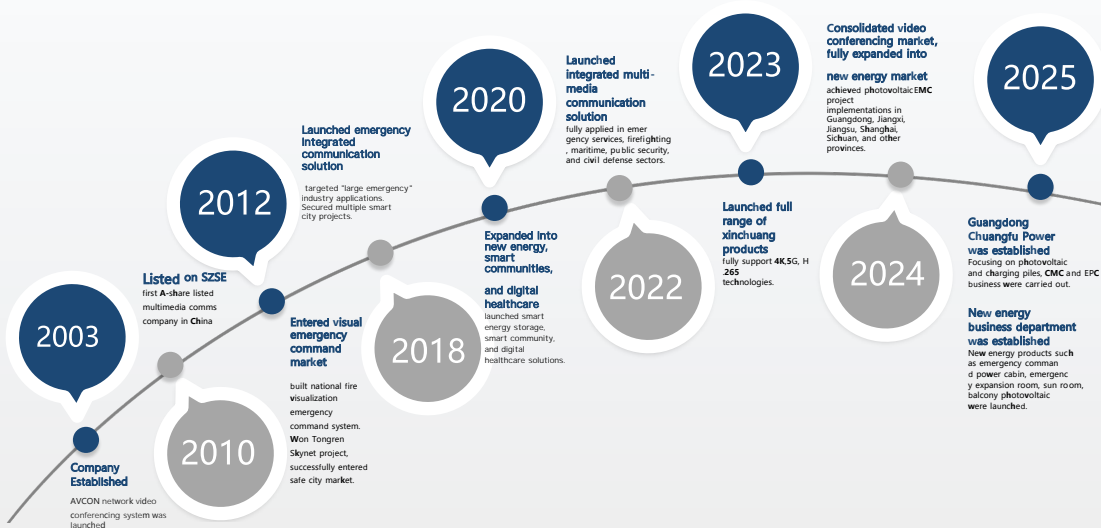
**The first multimedia communication company listed on A-STOCK market in China**

**The leading provider of visual command and dispatch platform in China**

**One-Stop Provider of clean energy solutions**













# Main Products

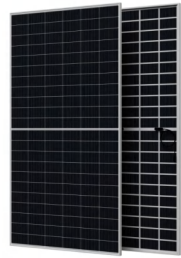
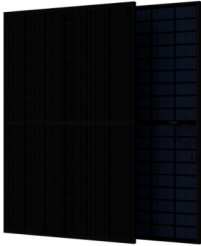
# Solar Panel Series

✓ Energy independence

✓ Low maintenance cost

✓ Flexible and convenient

✓ Clean and environmentally friendly



## TOPCON Photovoltaic Panels

Maximum power	440 Pmax(W)
Open circuit voltage	40.98Voc(V)
Short circuit current	13.68 Isc(A)
Operating voltage	34.44Vmp(V)
Working current	12.78Imp(A)
Component size	1909x1134x30mm
Quantity per pallet	36
Quantity per cabinet	864
Weight	24.8kg
Battery	Single Item 182mm (2x60pcs)
Frame	Anodized aluminum alloy

## PERC Photovoltaic Panels

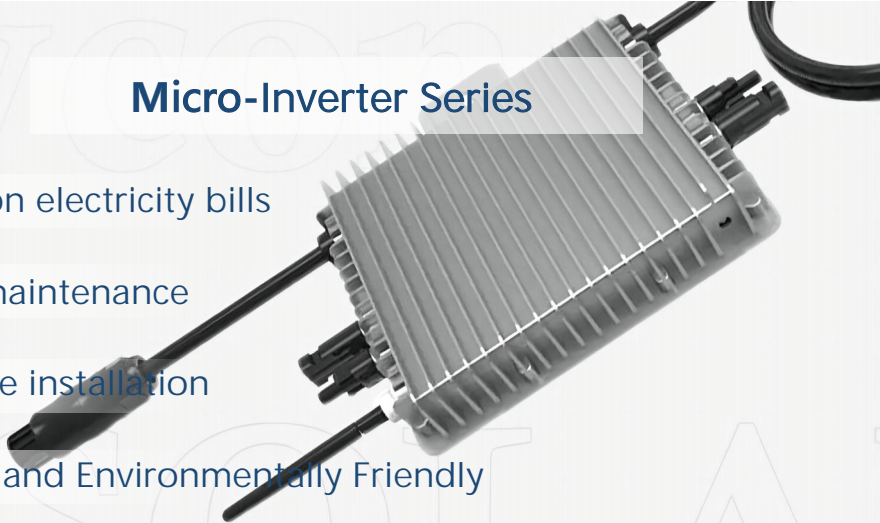
Maximum power	660 Pmax(W)
Open circuit voltage	50.67 Voc(V)
Short circuit current	14.13 Isc(A)
Operating voltage	41.96 Vmp(V)
Working current	13.35 Imp(A)
Component size	2278x1134x35mm
Quantity per pallet	20
Quantity per cabinet	620
Weight	28.6kg
Battery	TOPCon single crystal 182mm (2x72 pcs)
Frame	Anodized aluminum alloy

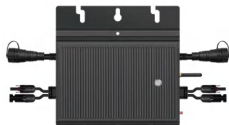
## PERC Photovoltaic Panels

Maximum power	660 Pmax(W)
Open circuit voltage	50.67 Voc(V)
Short circuit current	14.13 Isc(A)
Operating voltage	41.96 Vmp(V)
Working current	13.35 Imp(A)
Component size	2278x1134x35mm
Quantity per pallet	20
Quantity per cabinet	620
Weight	28.6kg
Battery	TOPCon single crystal 182mm (2x72 pcs)
Frame	Anodized aluminum alloy

## Micro-Inverter Series

- ✓ Save on electricity bills
- ✓ Easy maintenance
- ✓ Flexible installation
- ✓ Green and Environmentally Friendly





**SP800D**



**SP800**

**AV-108H**  
**400-420M10**



Model	SP-800	SP-800D
Maximum photovoltaic	500W*2	500W*2
Maximum photovoltaic open circuit voltage	60vdc	60vdc
Operating voltage range	18.5Vdc-50Vdc	16Vdc-60Vdc
MPPT flight level	30Vdc-48Vdc	16Vdc-60Vdc
Starting voltage	20.5Vdc	22Vdc
Maximum input current	2*2.5A	2*2.5A
Maximum input short circuit current	2*18A	2*18A
Maximum output power	800VA	800VA
Nominal output voltage	120V/230V, automatic adjustment	230Vac
Nominal output frequency	60Hz/50Hz automatic grid fit	50Hz

Product parameter information	
Battery Type	Single Crystal
Battery size	182×182mm
Battery Arrangement	108(6×18)
Weight	21.5kg(±3%)
Component size	1724×1134×30mm
Cable	4.0mm positive: 300mm negative: 300mm, line length can be customized
Glass	3.2 mm high light transmittance, coated tempered glass
Frame	Anodized aluminum alloy
Junction Box	Protection grade IP68
Packing quantity	1008Pcs



# Home Energy Storage Series

✓ Improve self-sufficiency

✓ Emergency backup

✓ Save on electricity bills

✓ Environmental protection  
and emission reduction



# Wall-mounted Storage Battery

5-15kWh



Product parameter information

Single module capacity	5-15kwh
Rated voltage	51.2V
Voltage range	44V-58.4V
Rated discharge current	100A-400A
Rated charging current	50A-200A
Communication Protocol	CAN / RS485 / RS232
Maximum number of parallel connections	15PCS
Cycle life	6000PCS(@80% DoD)
Size	500*440*200mm
Gross weight/net weight	53.5kg/49kg
Protection Mechanism	Temperature/overcurrent/short circuit Overcharge/overdischarge/low voltage

# Stackable Storage Battery

5-20kWh



Product parameter information

Rated capacity	5kwh	10kWh	15kwh	20kwh
Nominal voltage	51.2V			
Operating voltage	4V-58.4V			
Nominal discharge current	100A	200A	300A	400A
Nominal charging current	50A	100A	150A	200A
Cycle life	6000 cycles (@80% DoD)			
Communication Protocol	CAN/RS485/RS232 (WIFI optional)			
Gross weight/net weight (battery component)	53.5kg/49kg	107kg/98kg	160.5kg/147kg	214kg/196kg
Battery rated input voltage	48Vdc			
Maximum charging current of hybrid power	80A			
Battery pack voltage range	40Vdc-60Vdc			

# Portable Power Bank

- ✓ Strong portability
- ✓ Multifunctional socket
- ✓ Long battery life
- ✓ Emergency backup power supply
- ✓ Support photovoltaic charging





Product parameter information

Rated power	200W
Rated capacity	145Wh
AC output	220V/50Hz * 1
DC output	9~12.6V/10A *3
USB output	5V/2A *1
Size	198*108*126mm
Weight	1.5kg
Protection level	IP20
Package Size	580*460*200mm
Packing quantity	2160PCS/20GP

Product parameter information

Rated power	1000W
AC output	110V/60Hz or 230V/50Hz
DC output	12V17A
USB output	5-9V12A
TYPE-C	5-9V12A 5-20V13A(MAX60W)
Size	394*213*287mm
Weight	13.2KG
Protection level	IP20
Package Size	498*325*390mm
Packing quantity	240PCS/20GP

- ✓ Use at any time
- ✓ Backup power supply
- ✓ Power supply reliability
- ✓ Green and low-carbon development



Product parameter information

Rated power:	3000W
Maximum Power	5376Wh
AC output	110V/60Hz or 230V/50Hz
DC output	13.5V/10A
Cigarette lighter output:	13.5V/10A
USB output	5-9V2A
TYPE-C	5V-15V/3A 20V15A(MAX100W)
Size	470*335*545mm
Weight	56KG
Protection level	IP32
Package Size	605*425*655mm
Packing quantity	120PCS/20GP

# Industrial and Commerical Energy Storage

✓ Reduce electricity costs

✓ Peak shaving and valley filling

✓ Improve consumption efficiency

✓ Relieve pressure on the power grid



- Improve the utilization rate of new energy
- Optimizing power systems
- Reduce electricity costs
- Improve power supply reliability
- support distributed energy



AC side parameters		DC side parameters		System Parameters	
Size (D*W*H)	1400*1300*2200	Cell Type	LFP 280Ah	Rated Power	100KW
Weight	2500KG	Battery series and parallel connection	1P240S	Rated grid voltage	AC400V
Altitude	2000m	Rated voltage	768V	Grid voltage range	AC400V (-10%~+10%)
Cooling method	0-95%RH	DC voltage range	DC600-876V	Rated charge and discharge current	140A
Fire Fighting	Aerosol	Cell capacity	280Ah	Maximum current	159A
Communication	Ethernet,CAN	Rated energy	215KWh	Rated grid frequency	50Hz/60Hz
Continuous charge and discharge rate	0.5C @RT	Rated charge and discharge current	140A	Total current waveform distortion rate	-THD<3%
Discharge Depth	>90% DOD	Maximum current	176A	Access method	Three-phase four-wire
Battery cycle life	>8000次				
Installation	Floor-standing				
Protection level	IP54				

- ✓ Reduce electricity costs
- ✓ Energy efficiency
- ✓ Enhance power supply reliability
- ✓ Green and low-carbon development



Product Information Parameters

Battery system energy	4816Kwh
Protection/corrosion protection grade	IP54/C4
Operating temperature range	-30°C~55°C
Maximum operating altitude	4000m
Fire protection system	Aerosol/heptafluoropropane/perfluorohexanone
Size(L*W*H)	13106*2438*3250mm
Cell Type	LFP 280Ah
Cell capacity	280Ah
Battery Module	1P48S/43KWh
Battery Cluster	1P384S/344KWh
Battery system voltage	1075-1401V
Cooling method	Liquid Cooling



# Charging Pile Series

- ✓ Fast charging
- ✓ Environmental protection and energy saving
- ✓ Flexible and convenient
- ✓ Strong compatibility

11-KW Single-gun AC  
charging pile AC Charger



- ✂ Easy installation
- ¥ Lower cost
- 🚗 Convenient charging
- ⚙ Easy maintenance

Product Information Parameters

Power Output	11kW,0-16A,AC380V
Voltage and wiring	Three-phase AC 380V
Installation Type	Wall-mounted
Protection level	IP54
Network connection	Ethernet/4G
Display	4.3" LCD
Operating temperature	-30 to +50
Size	380*280*106mm
Weight	8.5kg

3.5KWH-22KW

- ♻ Environmental friendly
- 🌀 Convenience
- 🚗 Convenient charging
- ⚙ Easy maintenance



Product Information Parameters

Model	ACB/L007A
Output Current	AC
Output Power	7kW
Input voltage	220V+1-15%240V+1-15%
Application	For retrofit/upgrade
Power	7kw
Single packing size	68X37X171cm
Unit weight	7.8kg
Screen size	4.3inch color touch screen

## EU Standard 120-KW

- ⚡ Fast charging speed
- ♻️ Improve energy utilization
- 🚗 Convenient charging
- 🔌 Strong compatibility



Product Information Parameters	
size	1800x730x514mm(Height*Width*Depth)
Charging gun	Two sections; Charging cable: 5 meters
Output Power	120kW
Voltage and wiring	Three-phase five-wire AC260-530V
Voltage output	150-1000VDC
Single gun current output	0-200A
Network connection	Ethernet/3G/4G
Display	7-Inch high-definition color touch screen
Protection level	IP55
Storage temperature	-40°C~ +70°C

## EU Standard 240-KW

- ⚡ Higher charging efficiency
- 🔗 Suitable for various model
- 🛡️ Intelligent monitoring protection
- 🔌 Intelligent power distribution



Product Information Parameters	
size	1800*80*620mm(Height*Width*Depth)
Charging gun	Two sections; Charging cable: 5 meters
Output Power	240kW
Voltage and wiring	Three-phase five-wire 380V
Voltage output	200-100V DC
Single gun current output	0-250A
Network connection	Ethernet/3G/4G
Display	7-Inch high-definition color touch screen
Protection level	IP55
Storage temperature	-40°C~ +70°C

# Photovoltaic Tent

✓ Strong portability

✓ Multifunctional socket

✓ Long battery life

✓ Emergency backup power supply

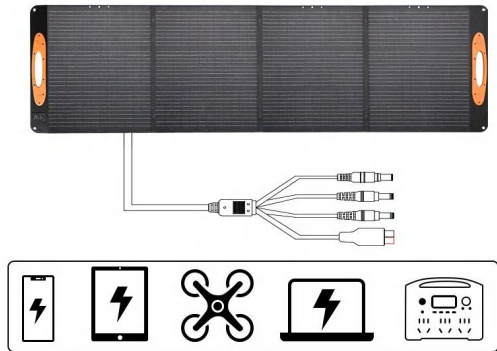
✓ Support photovoltaic charging



## Highly efficient and compatible

Self-developed junction box: 5-12V QC3.0+PD3.0 dual-channel fast charging  
One-to-four extension line output; 19.8V DC5521.5525.7909.30A Anderson

Can charge mobile phones/tablets/drones/laptops/outdoor power supplies, etc.



Color classification	Technology Gray
Scope of application	Mobile phone, camera, iPad, power bank, drone charging, etc.
Waterproof	IP65
Battery type	Solar cell
Charging current	5V/3A, 9V/3A, 12V/3A, 15V/2.6A, 20V/2.1A
Output mode	Standard Type-C [with USB adapter]
Appearance color	Tech Gray
Applicable scenarios	Cycling, mountaineering, photography, hiking, camping
Product type	Emergency solar charging version

# Photovoltaic Backpack



Hiking



Outdoor  
Camping



Leisure  
Travel



Cycling



Applicable sports	Skiing, diving, mountaineering, hiking, camping, golf, other
Material	Linen
Color	Green, black
Capacity	20-35L(Default with logo)
Function	Breathable, waterproof, cold-resistant, solar charging, expansion, other
Charging power	6.5W
Special statement	This product does not support 7 days of nonsense, can be exchanged but not returned
Carrying system	Curved shoulder strap
Applicable scenarios	Outdoor sports
Texture of lining	Canvas
Product use	Emergency charging for outdoor sports