



Photovoltaic Brochure



Photovoltaic System
5kw; 10kw;15kw; 20kw

Complete Photovoltaic System,
Ready to be installed.

25 year warranty

The system includes

N°	Model	Description	Quantity			
			5kw	10kw	15kw	20kw
1	MPPT Controller Inverter	Power: 5.5kw;; DC 48V 80A AC voltage: 230V 50Hz; Warranty : 10 years	1	2	3	4
2	Lifepo4 Lithium Battery	Model:51.2V 100AH; Rated Voltage : 51.2V Rated Capacity : 100AH; Net Weight : 50kg DOD depth : 100%; Warranty : 10 years	1	2	3	4
3	PV Panel	Model:PV550M; Mono Type Vmp: 32.36V ; Imp: 12.67A; Voc : 38.63V ; Isc : 13.70A ; Rate Power : 550W ; Size : 1722*1134*30mm Weight : 20.8 kg ; Warranty: 25 years	9	19	28	37
4	PV Combiner Box	2inputs 1 output; Warranty : 10 years	1	1	1	1
5	Mounting System (including all parts)	Customized, Anti-erosion Aluminum Alloy for rooftop or ground mounting	1	1	1	1
6	PV Cable	Model: PV-1*6mm ² Special high Anti-UV and Wear-Resistant PV cable; Working Temperature : -40°C-90°C; Warranty: 10 years	100M	200M	300M	400M
7	MC4 Connector	Model:MC4 Rated Voltage: 1000V DC Rated Current: 30A IP Rate: IP67	6	12	18	26

MPPT Controller Inverter



- Power: 5.5kw
- DC 48V 80A
- AC voltage: 230V 50Hz
- Warranty : 10 years
- Pure sine wave inverter
- Inverter running without battery
- 3.Built-in MPPT solar controller
- Configurable AC/Solar Charger priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload/ Over temperature/ short circuit protection
- Cold start function

Lifepo4 Lithium Battery



- Model:51.2V 100AH
- Rated Voltage : 51.2V
- Rated Capacity : 100AH
- Net Weight : 50kg
- DOD depth : 100%
- Warranty : 10 years
- Wall Mountable
- Long cycle life: with around 6000 times
- low internal resistance
- Good charging/ discharging
- Support multiple communication tools: with RS485, RS232, CAN
- Smart BMS: with overcharging/discharging
- Protect cell balance abnormal alarm
- High-security performance: no fire, no explosion, no leakage.

PV Panel



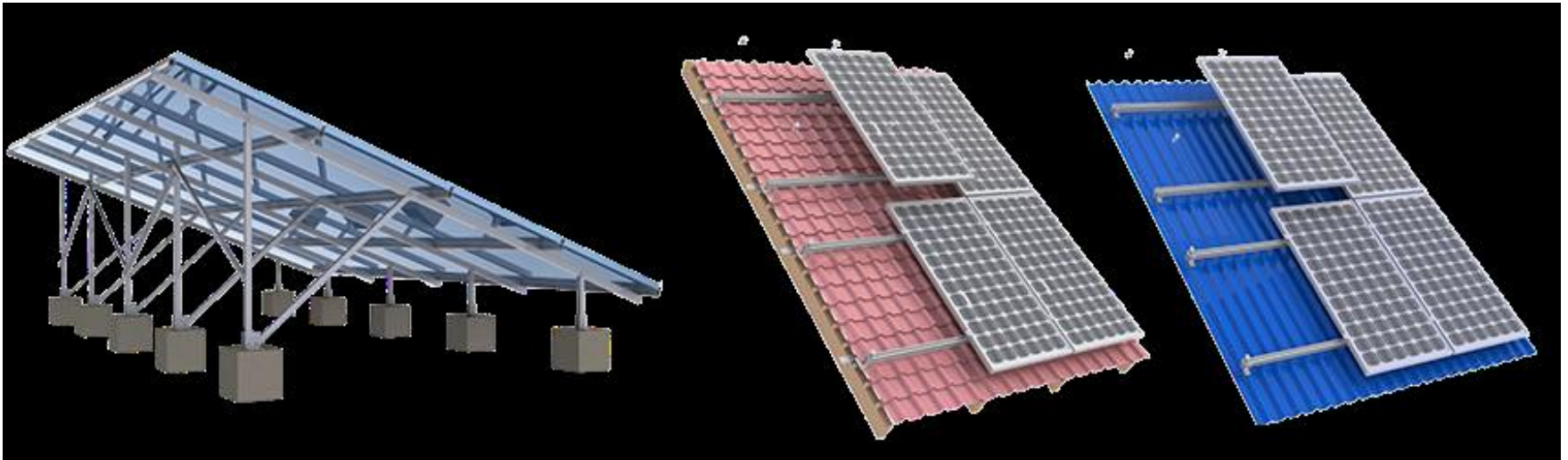
- Model:PV550M
- Mono Type Vmp: 32.36V
- Imp: 12.67A
- Voc : 38.63V
- Isc : 13.70A
- Rate Power : 550W
- Size : 1722*1134*30mm
- Weight : 20.8 kg
- Warranty: 25 years
- Highest conversion efficiency of 23%
- Anti-reflective and anti-soiling surface

PV Combiner Box



- 2 inputs 1 output
- Warranty : 10 years

Mounting System (including all parts)



Customized, Anti-erosion
Aluminum Alloy for
rooftop or ground
mounting

PV Cable



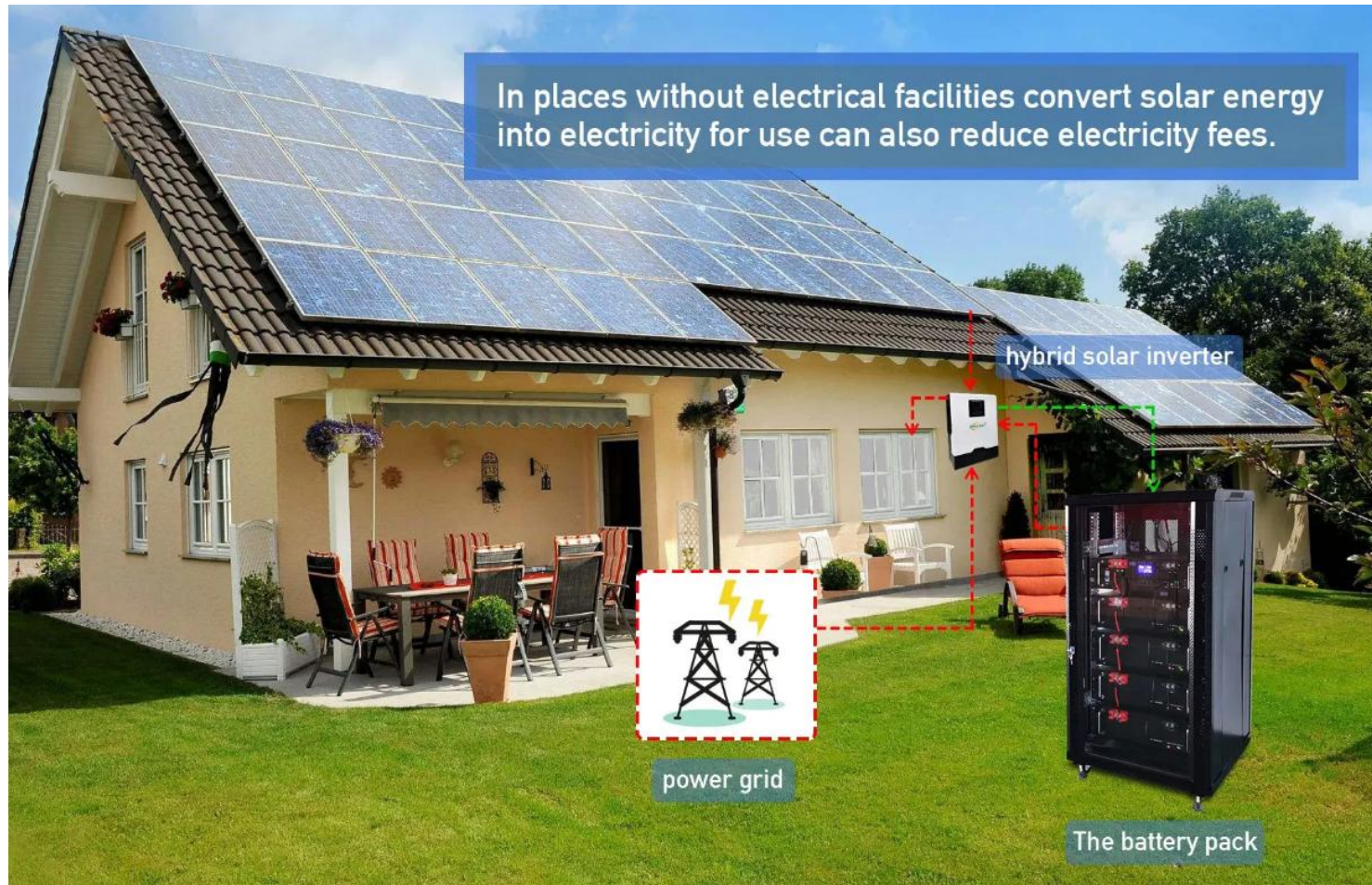
- Model:PV-1*6mm²Special high Anti-UVand Wear-Resistant PV cable
- WorkingTemperature : -40°C-90°C
- Warranty: 10 years

MC4 Connector

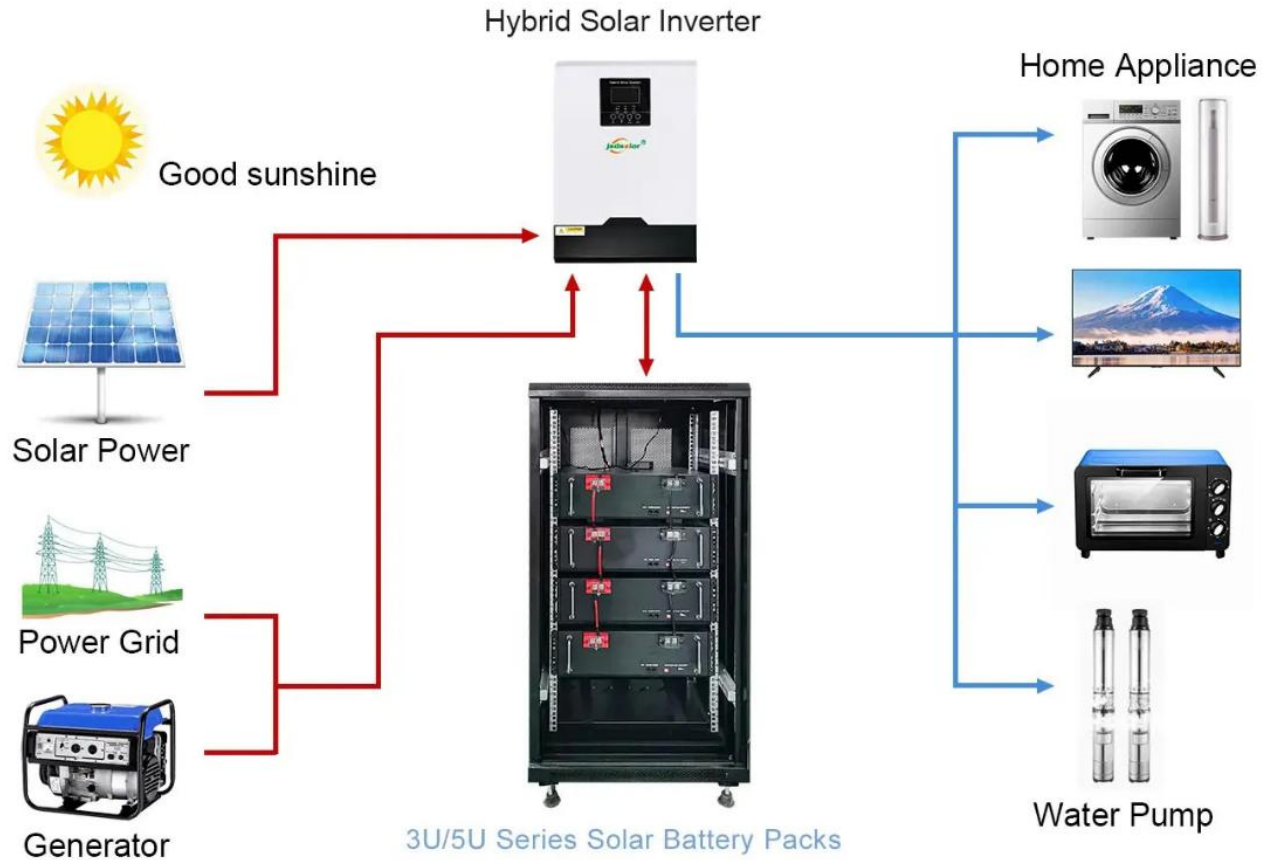


- Model:MC4
- Rated Voltage: 1000V DC
- Rated Current: 30A
- IP Rate: IP67

How it works: Part 1



How it works: Part 2



Our achievements 1



Belgium Namur



Belgium Charleroi

Our achievements 2



Luxembourg Esch Sur Alzette



Germany Aachen

Our achievements 3



Belgium Liege



Netherlands Maastrich

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