MPMC BEYOND ENERGY

MODEL : WSB-10-20

RESIDENTIAL SOLAR & WIND & BATTERY

Design Standards

WSB® is a new range of secure integrated hybrid power station. With solar power, Wind power, Battery storage and Hybrid solar Inverter in one secure unit.

WSB® is mainly developed for residents Power, Reduce the dependence on Main Power and decrease the consumption cost.

Benefits

- Integrated installation, convenient storage and transportation;
- High return on investment and quick return;
- Simple operation and easy maintenance;
- Power and Capacity can be expanded, meet different user needs;
- Green, renewable and clean energy, supported and subsidized by the state;

ISO9001:2015 Qutlity system certified

ISO14001 System certified

OHSAS18001 System certified

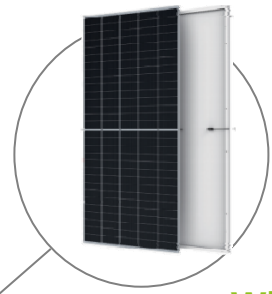
CE certified

General Specification	
Model	WSB-10-20
Rated Output Power	10KW
Rated Output Voltage	230Vac/1p
Battery Storage Capacity	20kWh
Max.Battery Storage Capacity	20kWh
Max.Solar Power	2500W
Solar Power Charger Time	4h
Max.Wind Power	400W
Wind Power Charger Time	52h
Expand Dimension(W*H*D)	5420*6800*3820mm
Loading Dimension(W*H*D)	1150*2250*1380mm
Weight	1022kg
Loading Capacity of 40'HC	16 units
Operating Temperature Range	-15~50℃

MPMC BEYOND ENERGY

WIND GENERATOR

JUST **2**m/s TO START-UP~！！



SOLAR PANEL

MAX. POWER：

2500W

With HIGH EFFICIENCY

UP TO 22%~!!

HIGH STRENGTH METAL FRAME

COFFIDENCE IN FACING **WIND** & **RAIN**

INTELLIGENT INVERTER

ONE PIECE FOR **SOLAR** & **BATTERY** & **AUXILIARY POWER INPUT**

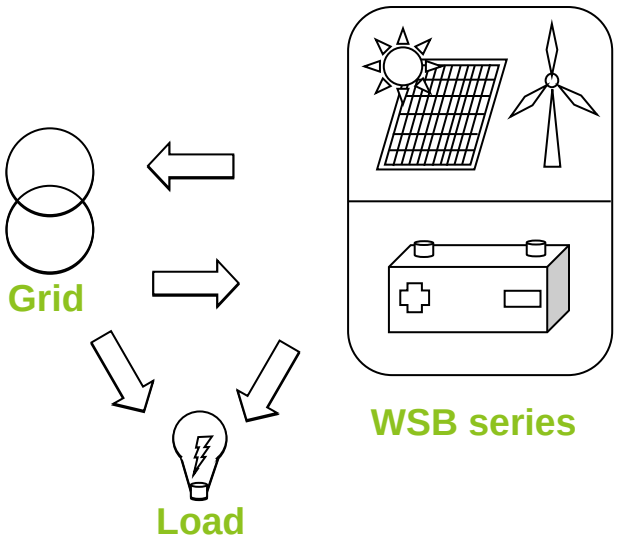
Fits the practical application & guaranteed by high-quality manufacturing technology

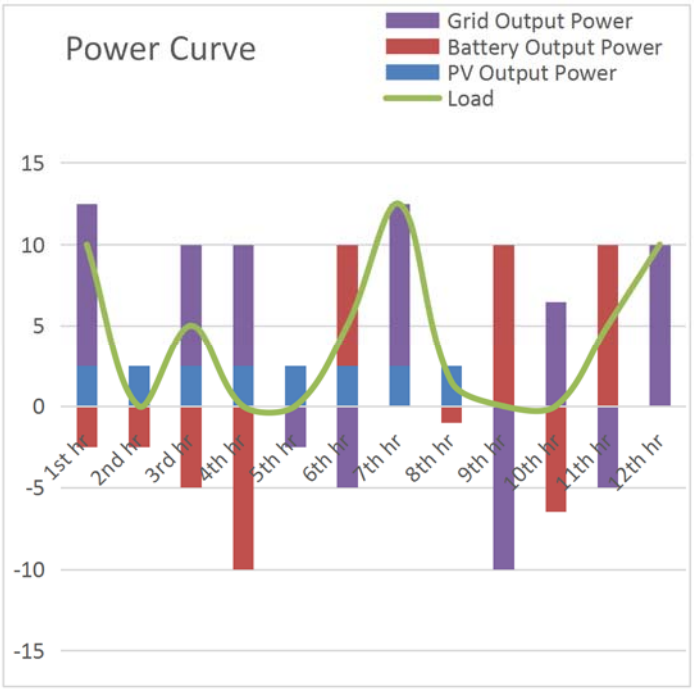
MPMC BEYOND ENERGY

Solar Panel	
Maximum Power	500W
Power Tolerance	0~+5W
Daily Power Generation	10 kWh
Extending Area	13.2m^2
Extending Type	Sliding
Qty	5pcs
Wind Power	
Rated power	400W
Rated Voltage	48VDC
Start-up wind speed	2m/s
Rated wind speed	10m/s
Survival wind speed	45m/s
Wind wheel diameter	1.1m
Blades material	Aluminum alloy
Generator type	PMG
Controller system	Electromagnetic
Speed regulation	The wind Angle automatically
Qty	1pcs
Energy storage battery	
Type	LFP(LiFePO4)
Rated Capacity	5.22kWH
Rated Voltage	51.2VDC
Discharge Depth	90%
Charger/Discharger Current	51A(0.5C)
System Capacity	20.88 kWh
Qty	4 pcs
Cooling System	
Exhaust Air Volume	492CFM
Rated Power	48W
Rated Voltage	48VDC
Max. Noise Level	68dB(A)
Qty	1pcs
Integrated Solar Power Inverter System	
Max. Solar Charger Current	100A
AC Input Voltage Range	90~280Vac
Max. AC Charger Current	80A
Max.Conversion Efficiency	93.5%
Rated Power	10kW

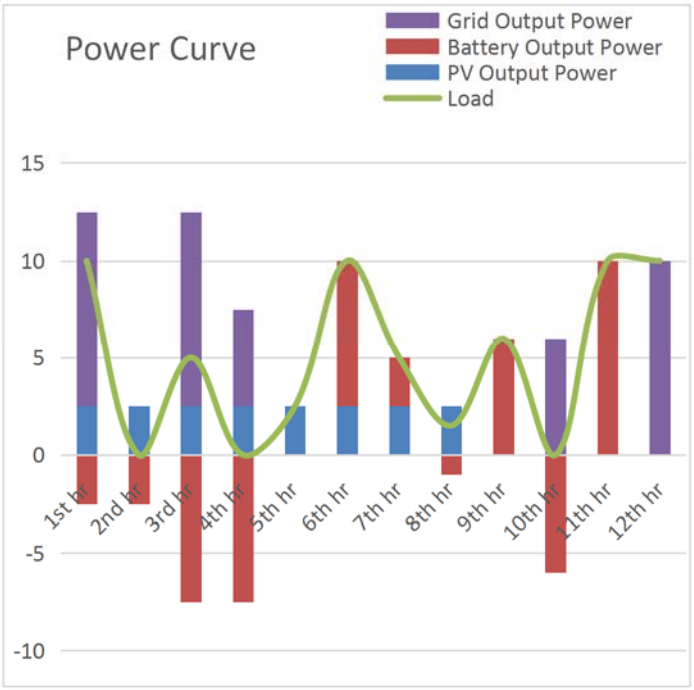
MPMC BEYOND ENERGY

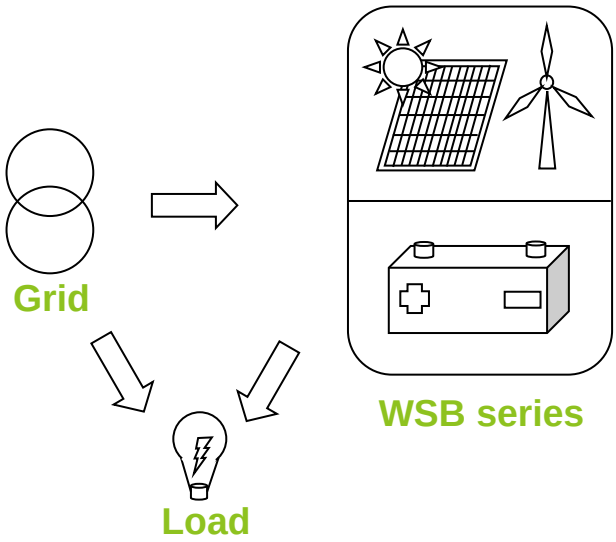
On-Grid Module





Off-Grid Module





MPMC BEYOND ENERGY

MPMC USA MPMC UK MPMC UAE MPMC DOM MPMC ZA MPMC CN

MPMC POWERTECH CORP.
sales@mpmc-china.com | www.mpmc-china.com

Photographs are for illustrative purposes only and may not reflect final specification.

Follow us

https://www.facebook.com/mpmcgroup
https://www.linkedin.com/company/mpmcpowertech/
https://www.youtube.com/user/MPMCGenerator

All information in this document is substantially correct at time of printing and may be altered subsequently. Final weight and dimensions will depend on completed specification.

ISSUE 1 @ MPMC EN