



Features & Benefits



IP65 Protection Level

- Considering the needs of outdoor use scenarios, it adopts a multi-structural waterproof design to prevent water from entering from the top and around, Truly achieving IP65 protection level



Super Silent Design

- Minimizing noise generation and transmission while maintaining functionality and aesthetics



Hidden Handle Design

- Hidden handle design, appearance is more beautiful, more convenient to move



Exclusive Touch Screen

- Exclusive touch screen for easier operation, It provides users with intuitive and convenient control methods



Parallel Connection

- Supports parallel connection, maximum power will be 45KW



Expandable capacity

- The battery capacity can be expanded externally, up to 80KWH

SPECIFICATION

MODEL	LBM3600	LBM5000
AC INPUT		
Rated Voltage	220/230/240 Va.c.,L+N+PE	
Rated Frequency	50 Hz/60 Hz	
Current(Maximum Continuous)	20Aac.	40Aac.
INVERTER OUTPUT		
Rated Power	3.6kVA	5kVA
Rated Voltage	220/230/240Va.c.,L+N+PE	
Wave Form	Pure Sine Wave	
Vac Output	3 pin AC multi-function socket	
DC USB/Type C Output	Each 2 port	
Inverter Efficiency (Peak)	>92%	>94%
Current(Maximum Continuous)	15.6Aa.c.	22.7Aa.c.
Maximum Output Overcurrent Protection	102%~110% 1min / 110%~130% 10s / 130%~150% 3s / 150% 0.2s	
BATTERY		
Battery Type	LiFePO4	
Energy Capacity	2560WH / 3456WH	5120WH / 6912WH
Rated Battery Voltage	25.6Vd.c.	51.2Vd.c.
Max.Charge Current	100Ad.c.	80Ad.c.
PV INPUT		
No.of MPPT Tracker /Strings	1/1	
Max.PV Array Power	5 kW	6 kW
Max.DC Voltage	500Vd.c.	
MPPT Voltage Range	40~450Vd.c.	120~430Vd.c.
Start-up Voltage	60Vd.c.	120Vd.c.
MPPT Maximum Charge Current	100Ad.c.	80Ad.C
Max.Input Current	18 Ad.c.	
PV Interface Type	MC4	
GENERAL PARAMETER		
Storage Temperature	-10℃~+60℃	
Operating Temperature	-10℃~+50℃	
Cycle Life	≥6000 Cycles @25℃,0.5C,90%DOD	
Humidity	5%~95%(Non-condensing)	
Operating Altitude	4000m(>1000m Derating)	
Noise	<50 dB	
IP Grade	IP65	
Other Protection	Overload,Over temperature,Short circuit	
Trans Portation1	UN38.3,MSDS	
Machine Dimensions (L*W*H)	641.5*360*586 mm	711.5*360*636 mm
Machine Weight/N.W.	40kg	65kg
Display	LCD Touchscreen	
Interface	WiFi (Optional)	
STANDARD		
Stardard	GB/T 34120-2017	
	GB/T 34133-2017	
	EN62477, EN / IEC61000	

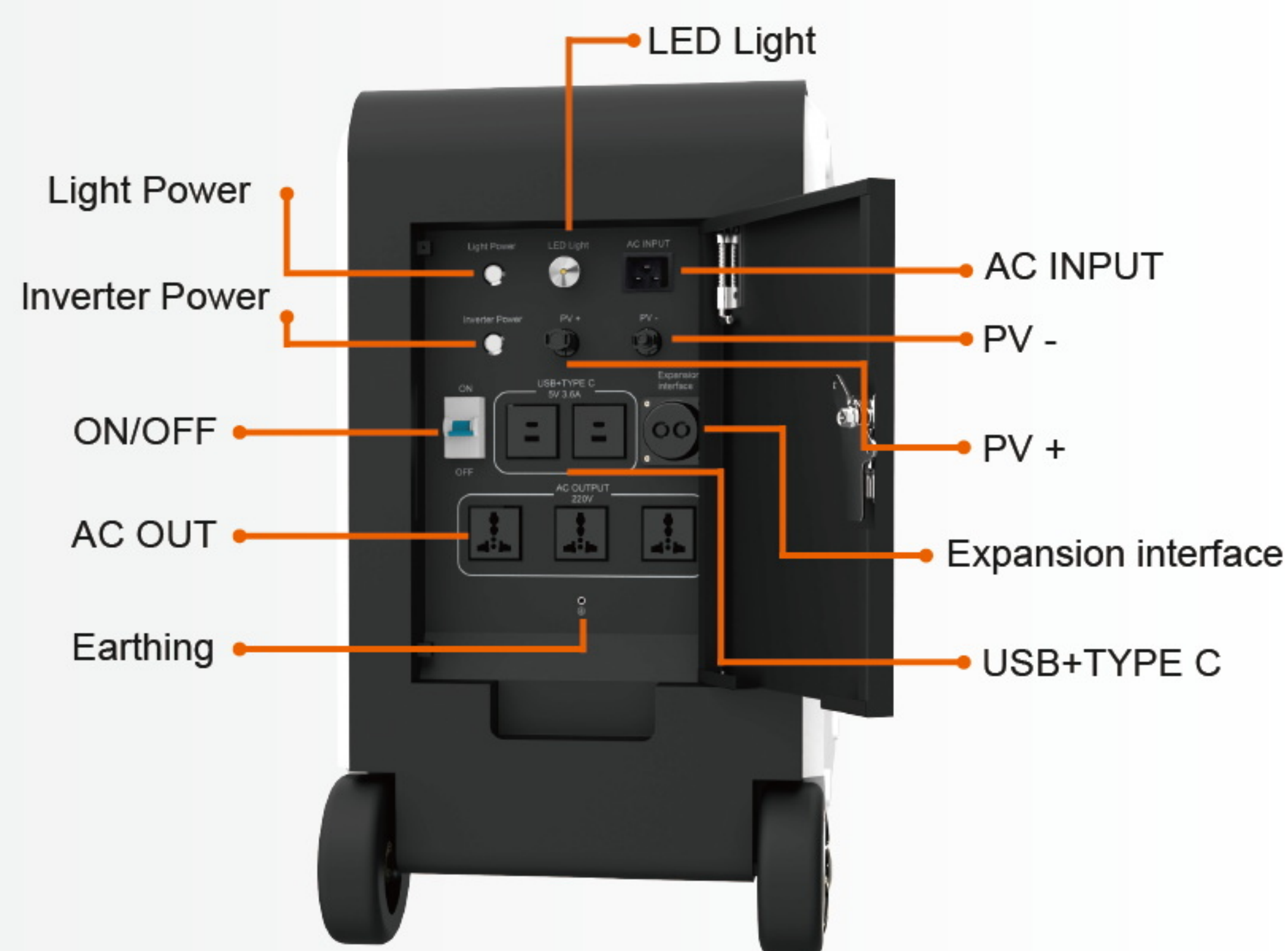
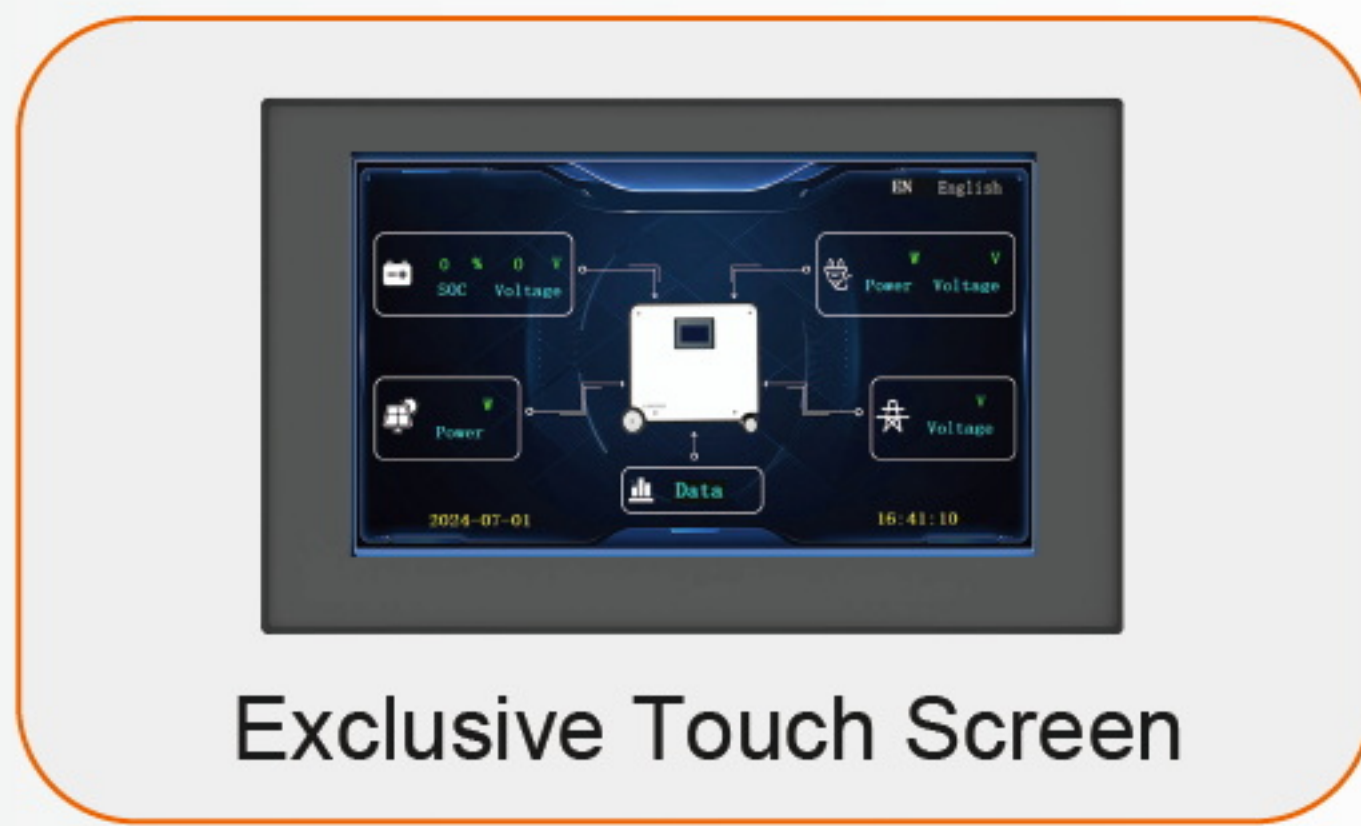
Testing conditions are based on temperature 25°C at the beginning of life.

Product specifications are subject to change without further notice.

PRODUCT DETAILS

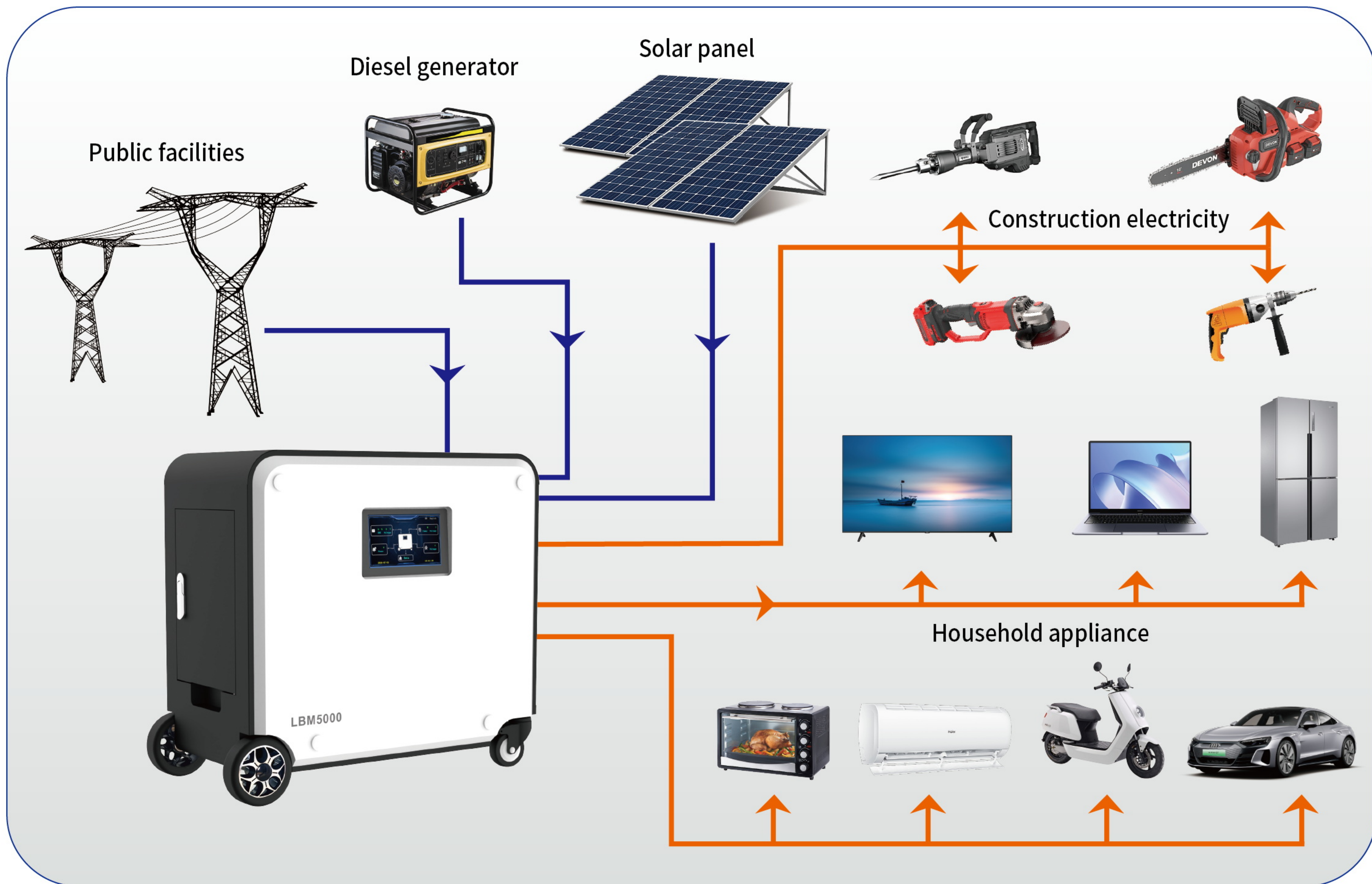
SMART PANEL FUNCTION

BMS technology, multi-functions and outputs, intelligent LCD display system, enjoy worry-free energy!



SYSTEM COMPOSITION OF ALL IN ONE

It can be charged by AC charger or solar panels. Easy and convenient.



Movable energy storage powerstation is applicable to residential and outdoor work, unmanned mountainous areas. It is combined with solar or fuel power generation to ensure the sustainability of electricity and save costs. Our intelligent and efficient energy storage system is widely compatible with industry standard converters and power management systems.

Key features

- **LiFePO4 battery cells**, good security and stability.
- **BMS real-time monitoring** ensures safe operation of charging and discharging.
- **DC USB / Type C Output** (optional).
- **Pure Sine wave AC Output**, stable without damage products.
- **Support for household off grid energy storage**, with UPS function, you can choose photovoltaic priority, energy storage priority, and municipal power priority on the panel.
- **Support commercial use**, such as connecting an electric drill, electric saw, etc. during decoration, which can be used for power supply.
- **Support outdoor use**, such as construction on outdoor road, temporary living, boiling water, cooking., etc. in mines.
- **Support flexible use in hospitals, schools, or farms**, with super large photovoltaic power that can meet most load usage requirements and can also store photovoltaic energy. Even small processing plants can use it as a power station.

At a glance

Benefits: Factory direct sales, direct communication between customers and factories, reducing middlemen.

Integrity: Integrity-based, do not do virtual capacity, carefully do each battery.

Customization: Voltage, power, size, on-demand customization, label screen printing can be customized.

Quality: All products are utilized new LiFePO4 battery with strict tests.



AC Charging

House loads security in extreme weather.



Solar energy charging

Increase solar production utilization.
Off-grid energy freedom.



APPLICATION SCENARIO

Multi-Scene Applications. Eliminate the physical restriction of various installation scenarios.

