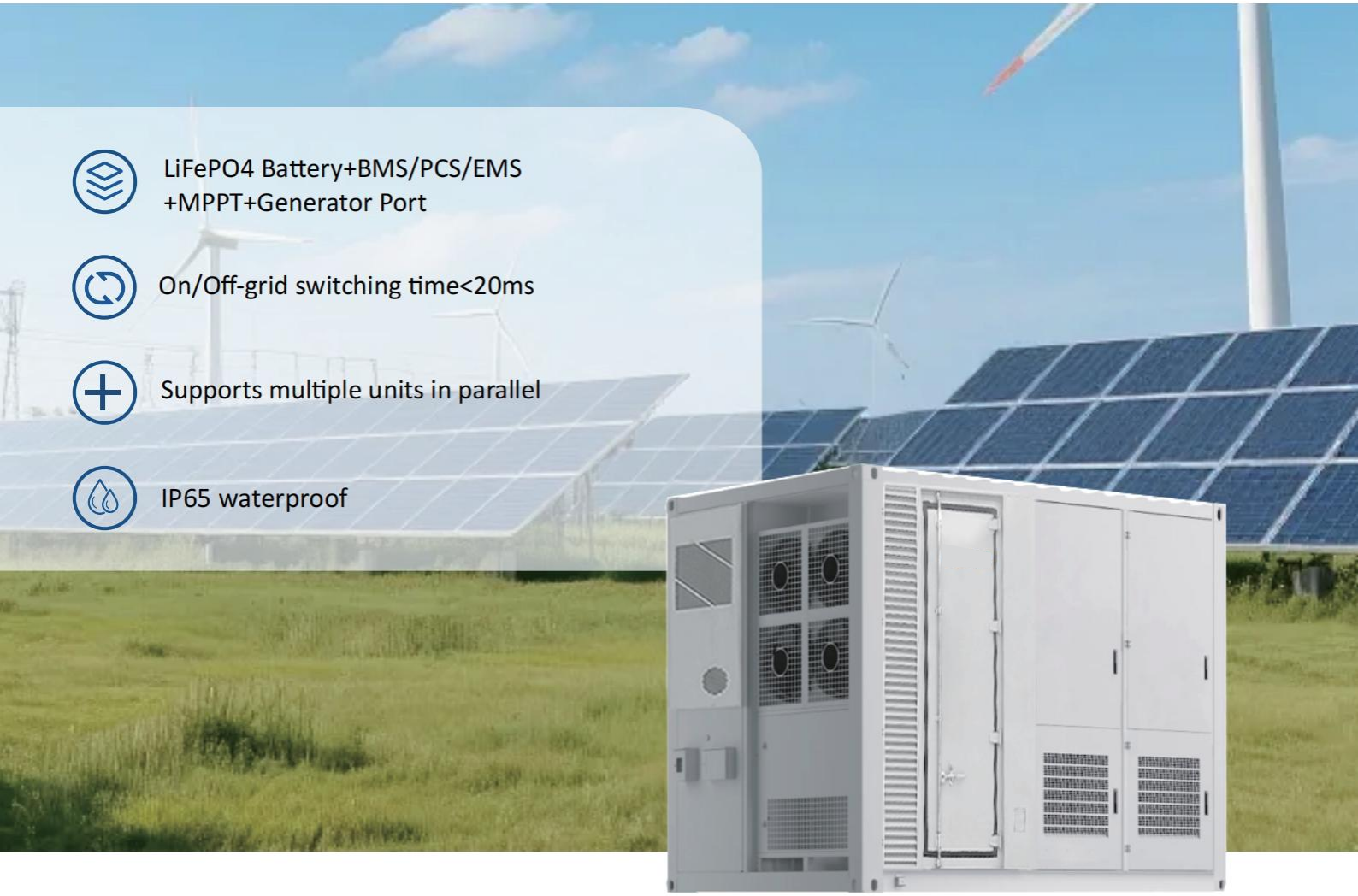
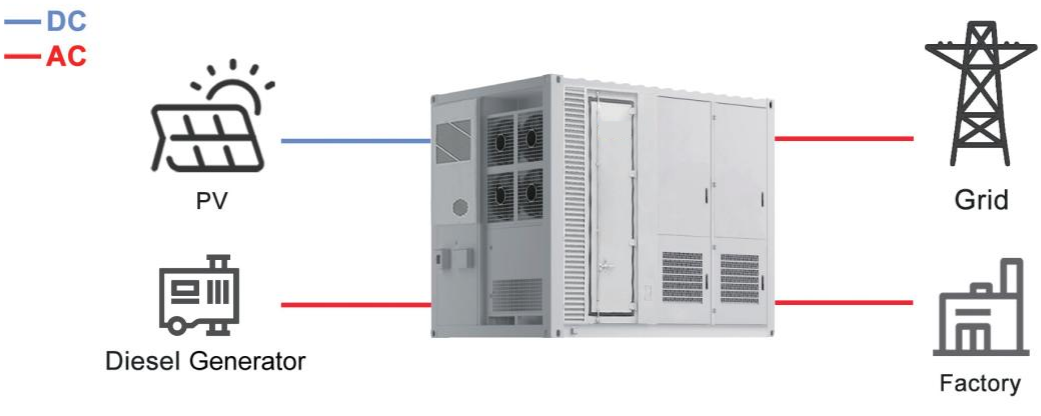
PVDG BESS Container(Liquid cooling)

PV: Solar DG:Diesel Generator BESS:Battery Energy Storage System

400kW/783kWh



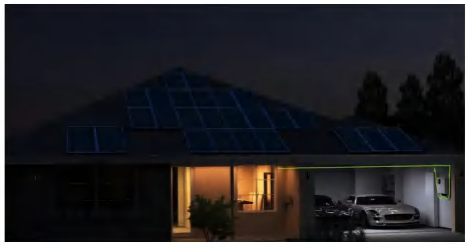


	783KWh+400kW		
Model	**IYP-B783L-400H3S-360M3-HX1**		
Battery			
Battery Type	LiFePO4 Battery		
Rated Energy	783kWh		
Nominal Voltage	832V		
Rated Capacity	942Ah		
PV			
Max. Power	360kW		
Max. PV Voltage	950Vdc		
MPPT Voltage Range	250~850Vdc		
Max. PV Input Current	200A+200A+200A		
MPPT Channels	3		
AC (On-grid)			
Rated Power	400kW		
AC Voltage	480Vac(Three-phase)		
Rated Frequency	50Hz/60Hz		
Max. AC Current	600A		
AC (Off-grid)			
Rated Power	100kW	100kW	400kW
AC Voltage	120Vac/240Vac(Single-phase)	208Vac(Three-phase)	480Vac(Three-phase)
Rated Frequency	50Hz/60Hz		
Max. AC Current	600A(Three-phase)		
Switching Time	<20ms		
General Parameter			
Diesel Generator Port	Yes		
Communication Type	RS485/WiFi		
IP Grade	IP65(Battery)		
Fire Protection System	Yes		
Operating Temperature	-10℃~55℃		
Humidity Range	5%-95%		
Altitude	<2000m		
Battery Cooling Method	Liquid cooling		
PCS Cooling Method	Intelligent cooling		
Size(mm)	2991*2438*2896mm		
Weight(kg)	10000kg(about)		

*THE PARAMETERS ARE FOR REFERENCE ONLY, THE ACTUAL PRODUCT SHALL PREVAIL.SUPPORT CUSTOMIZATION, AND ON-DEMAND CUSTOMIZATION

Mountainous areas and islands

Gas station



Disaster emergency power supply

Factory power supply

Supermarket Power Supply

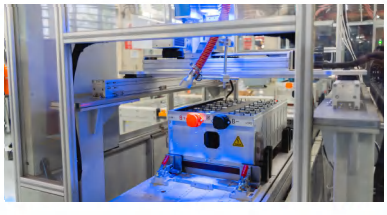
PV power generation

Company Profile

ISO 9001 IEC UL CE UN38.3 MSDS FC PSE RoHS

100+ Countries & Regions	**200+** Successful Projects	**120+** Countries
2GWh+ Capacity Deployed	**10Years+** Industry Experience	**100,000㎡** Factory Square

In 2015, BOOSTESS's engineers embarked on their journey in Hangzhou, driven by a dream——a future where every home, shop, and factory is equipped with solar panels, energy storage, and EV charging stations, and electric vehicles become the norm. With reliable power from energy storage, people break free from expensive, unstable electricity and costly gasoline—enabling independent, low-cost, and green living.

Today, BOOSTESS energy storage systems have been installed globally, especially in European countries like Germany, Czech Republic and Netherland...etc, which win a good reputation among partners.

This is only the beginning. We are committed to bring safer, more efficient, and smarter energy storage to more people around the world, and revolutionize the way that energy is supplied.Together with partners who share our dream, BOOSTESS will continue striving to create a better, sustainable future.