Solar-Diesel BESS Cabinet (Air Cooling)

BESS: Battery Energy Storage System

125 kW / 221 kWh and 125 kW / 241 kWh



- LiFePO4 Battery+BMS/PCS/EMS +MPPT+Generator Port
- On/Off-grid switching time < 20 ms
- Supports multiple units in parallel
- Integrated fire protection and air conditioning



Model	221 kWh+125 kW CS-B221-125H3S-120M1-HX1	241 kWh+125 kW CS-B241-125H3S-120M1-HX1
Battery		
Battery Type	LiFePO4 Battery	
Rated Energy	221 kWh	241 kWh
PV		
Max. Power	120 kW (1 channel)	
Max. PV Voltage	950 Vdc	
MPPT Voltage Range	250~850 Vdc	
Max. PV Input Current	200 A	
MPPT Channels	1	
AC (On-grid)		
Rated Power	125 kW	
AC Voltage	400 Vac/230 Vac(L1/L2/L3/N/PE)	
Rated Frequency	50 Hz/60 Hz	
Max. AC Current	189 A	
AC (Off-grid)		
Rated Power	125 kW	
AC Voltage	400 Vac/230 Vac(L1/L2/L3/N/PE)	
Rated Frequency	50 Hz/60 Hz	
Max. AC Current	189 A	
Switching Time	< 20 ms	
Parallel Number	12	
General Parameters		
Diesel Generator Port	Yes	
Communication Type	RS485/4G	
IP Grade	IP54	
Fire Protection System	Yes	
Operating Temperature	-10 °C~55 °C	
Humidity Range	5%~95%	
Altitude	< 2000 m	
Battery Cooling Method	Air-Conditioner	
PCS Cooling Method	Intelligent cooling	
Size (mm)	1200×1250×2260 mm	1200×1250×2260 mm
Weight (kg)	2350 kg (approx.)	2500 kg (approx.)

* Specifications are for reference only; the actual product shall prevail. Customization is available.

