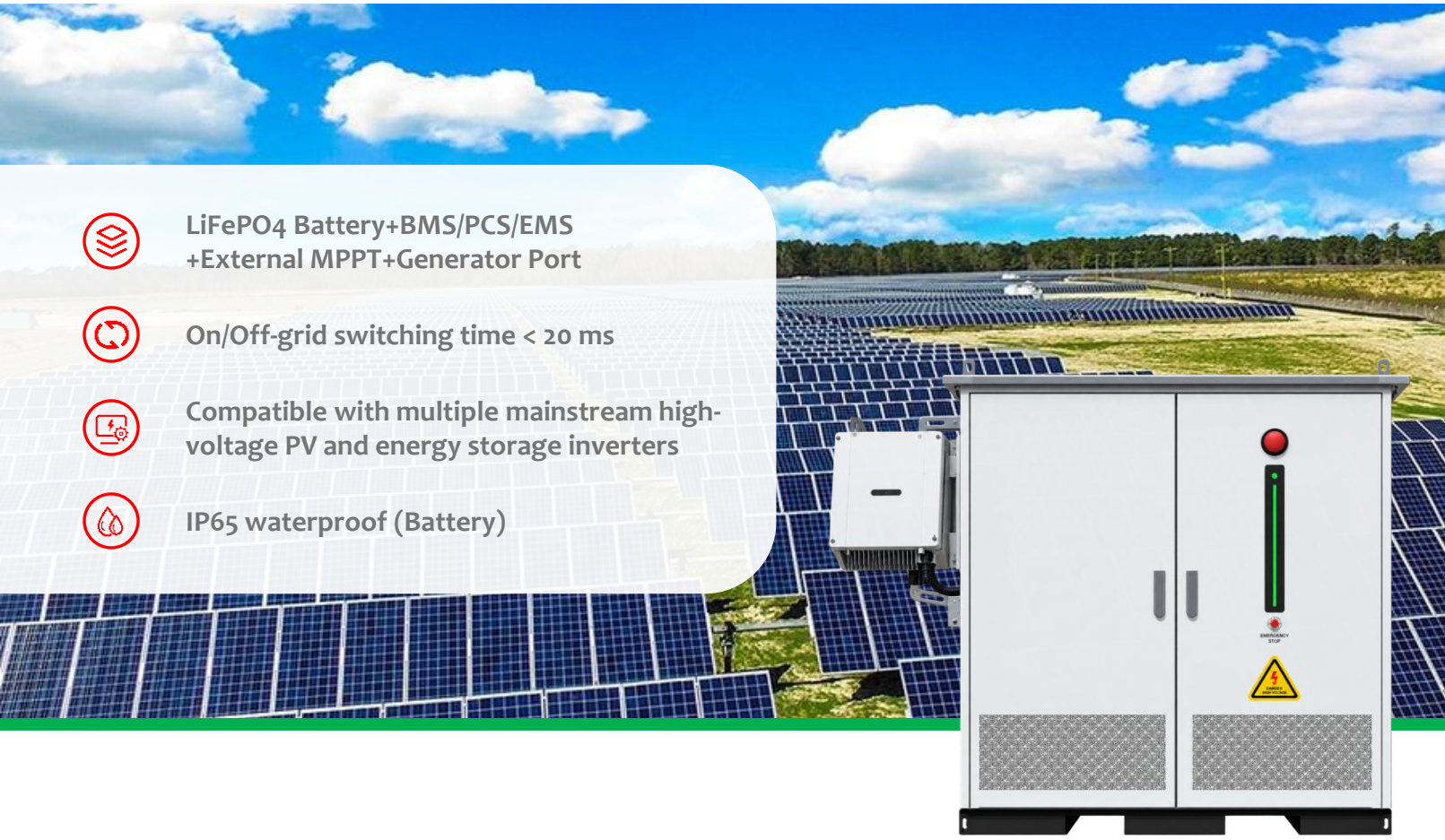
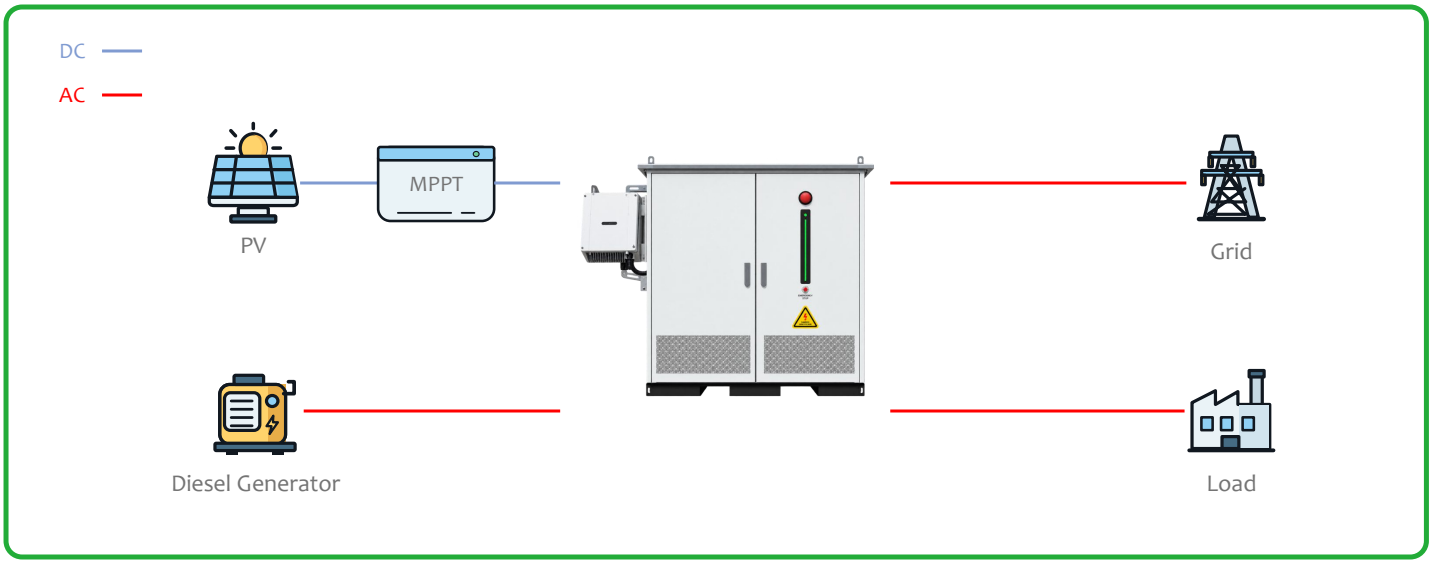
Solar-Diesel BESS Cabinet (Liquid Cooling)

BESS: Battery Energy Storage System

250 kW / 522 kWh (IEC62619 Certification)



- LiFePO4 Battery+BMS/PCS/EMS +External MPPT+Generator Port
- On/Off-grid switching time < 20 ms
- Compatible with multiple mainstream high-voltage PV and energy storage inverters
- IP65 waterproof (Battery)



Model	250 kW/522 kWh CS-B522L-250H3S-240M-HX1
Battery	
Battery Type	LiFePO4 Battery
Rated Energy	522 kWh
Nominal Voltage	832 V
Rated Capacity	628 Ah
PV (External MPPT)	
Max. Power	240KW
Max. PV Voltage	900 Vdc
MPPT Voltage Range	200~900 Vdc
Max. PV Input Current/Channel	55 A
AC (On-grid)	
Rated Power	250 kW
AC Voltage	400 Vac/230 Vac(L1/L2/L3/N/PE)
Rated Frequency	50 Hz/60 Hz
Max. AC Current	375 A
AC (Off-grid)	
Rated Power	250 kW
AC Voltage	400 Vac/230 Vac(L1/L2/L3/N/PE)
Rated Frequency	50 Hz/60 Hz
Max. AC Current	375 A
Switching Time	< 20 ms
Parallel Number	6
General Parameters	
Diesel Generator Port	Yes
Communication Type	RS485/4G
IP Grade	IP65 (Battery)
Fire Protection System	Yes
Operating Temperature	-10 °C~55 °C
Humidity Range	5%~95%
Altitude	< 2000 m
Battery Cooling Method	Liquid cooling
PCS Cooling Method	Intelligent cooling
Size (mm)	1980×1370×2350 mm
Weight (kg)	4700 kg (approx.)

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

