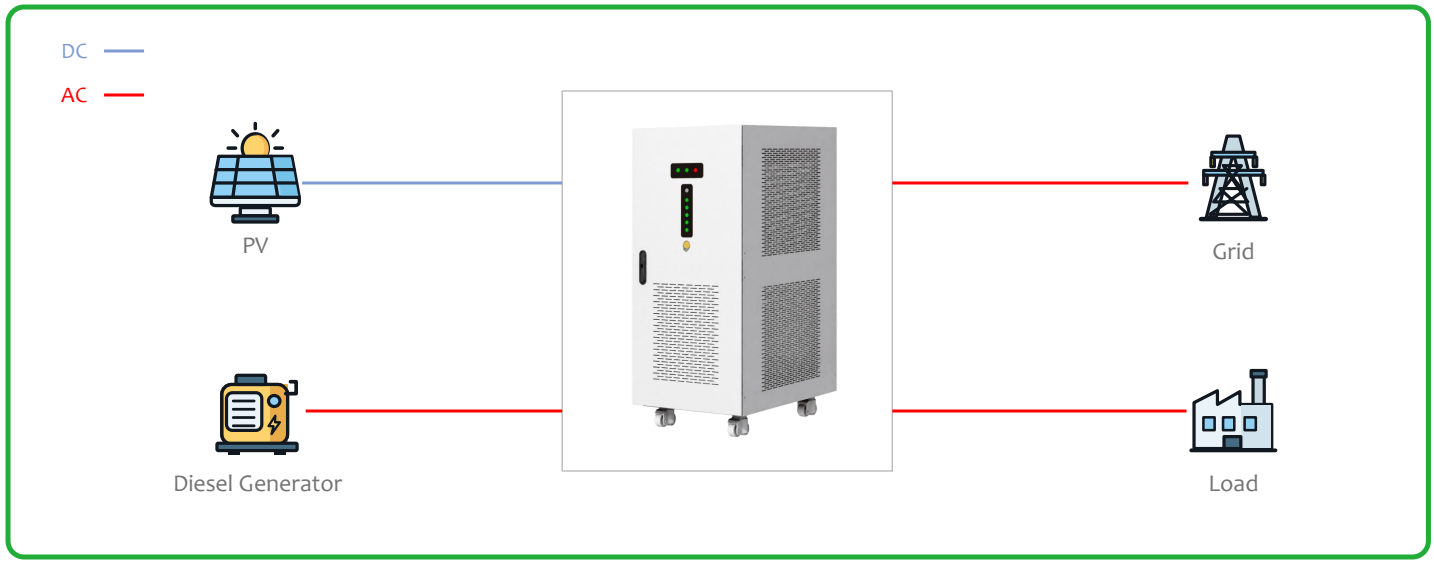
LV Solar-Diesel BESS Cabinet (Air Cooling / IP20)

BESS: Battery Energy Storage System

25 kW / 48 kWh and 25 kW / 64 kWh



- Supports PV and grid charging
- On/Off-grid switching time < 20 ms
- 48 V LiFePO4 Battery
- Integrated EMS and touch display



Model	48 kWh+25 kW CS-B48-25H3S-36M6-X1	64 kWh+25 kW CS-B64-25H3S-36M6-X1
Battery		
Battery Type	LiFePO4 Battery	
Rated Energy	48 kWh	64 kWh
Nominal Voltage	51.2 V	
PV		
Max. Power	36 kW (6 channels)	
Max. PV Voltage	500 Vdc	
MPPT Voltage Range	90~450 Vdc	
Max. PV Input Current	22 A	
MPPT Channels	6	
AC Input		
Rated Power	25 kW	
AC Voltage	400 Vac/230 Vac	
AC Frequency	50 Hz/60 Hz	
Max. AC Current	37 A	
AC Output		
Rated Power	25 kW	
AC Voltage	400 Vac/230 Vac	
AC Frequency	50 Hz/60 Hz	
Max. AC Current	37 A	
Switching Time	< 20 ms	
General Parameters		
Diesel Generator Port	Yes	
Communication Type	RS485/WiFi	
IP Grade	IP20	
Fire Protection System	Yes	
Operating Temperature	-10 °C~50 °C	
Humidity Range	5%~95%	
Altitude	< 2000 m	
Battery Cooling Method	Fan	
PCS Cooling Method	Intelligent cooling	
Size (mm)	670×900×1560 mm	670×900×1560 mm
Weight (kg)	550 kg (approx.)	650 kg (approx.)

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

