

125KW-241KWH-HV C&L ESS



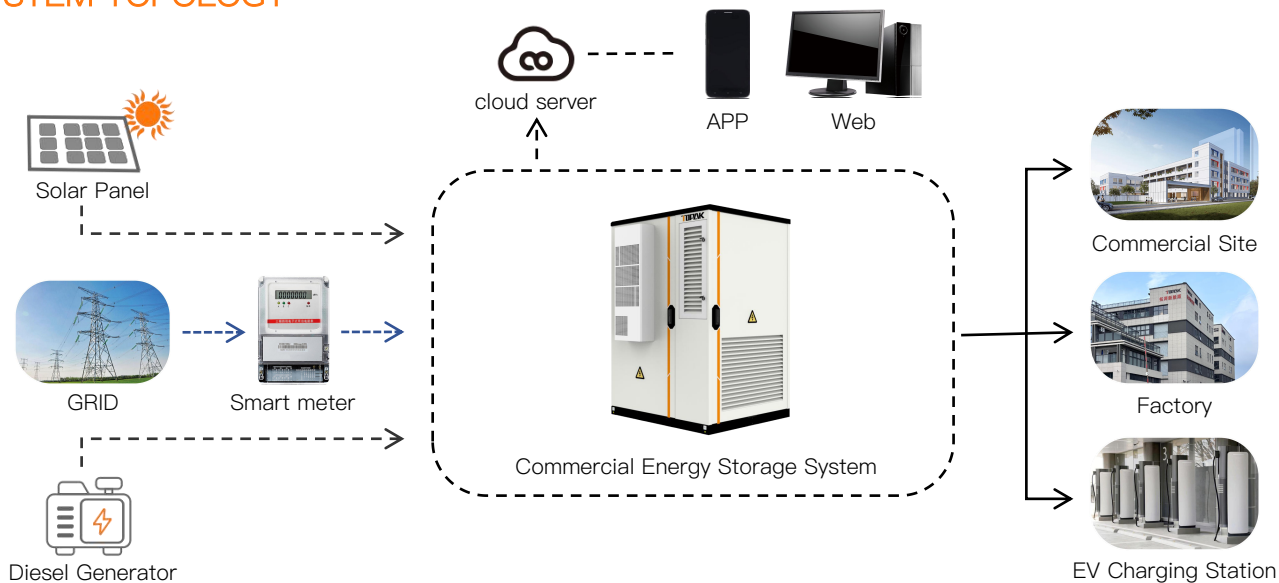
CE MSDS



PRODUCT FEATURES

- Safe, reliable and long life
- Standardized module design
- Dual charge and discharge control
- Support parallel operation
- Support PV and GEN
- High voltage battery, higher efficiency and LCD screen display
- 100% unbalanced output
- Efficient operation and maintenance

SYSTEM TOPOLOGY



PARAMETERS

PV Parameters (MPPT)

Max. usable PV input power	250kW
MPPT voltage range	150–950V
Max. input current	10*42A
MPPT number/Max input strings number	10/20

Hybrid Inverter Parameters (MPPT+PCS)

Output Power (Backup)	125kW
Max. apparent output power	55
Output AC Voltage (Vac)	1.6 times of rated power, 10s
Back-up switch time	<10ms
Rated output voltage	3/N/PE, 230V/400 V
Input AC Current (Grid side)	250A
Max. input power (Generator)	125kW
Rated Output AC(Grid side)	125kW
Max. efficiency	97.6%

Battery Parameters

Parameters (V/Ah/kWh)	768V314Ah / 241kWh
Number of batteries	1 Custer
Charging temperature (°C)	0~55°C
Discharge temperature (°C)	-20~60°C

System Parameters

Communication Type	RS485 / Wifi 4G
IP Code	IP54
Weight	3150kg
Dimension (W*H*D, mm)	1650*1400*2350 (mm)