

C&I ESS

CE100215-B



Product Features

- Built-in forklift location and hoisting position make transportation and installation easier
- Internal module design make maintenance easier
- Multi-level fuse protection, interlock design
- Safe LiFePO4 battery
- High usable energy ratio, less self-consumption
- Contains no toxic heavy metals or caustic materials

Technical Data

Model	CE100215-B
DC Parameter (Battery)	
Battery Type	LFP/280Ah
Series and Parallel	1P240S
Rated Capacity (Ah)	280
Rated Voltage (V)	768
Rated Energy (kWh)	215
Continuous Charge/Discharge Current (A)	0.5C
Cycle life	8000 cycles, 70%EoL @25°C 0.5C
AC Parameter	
Rated Voltage (V)	400, 3 phase
Voltage Range (V)	320~460
Frequency (Hz)	50
THD	< 3% (rated power)
Rated Charging Power (kW)	100
Rated Discharge Power (kW)	100
Power Factor	0.8 lagging ~ 0.8 leading
Efficiency	
Maximum Charging Efficiency	94.00%
Maximum Discharge Efficiency	94.00%
Protection	
Anti Reverse for Battery Connection	Yes
DC Overcurrent Protection	Yes
AC Overcurrent Protection	Yes
AC Overvoltage Protection	Yes
General	
Operation Temperature Range (°C)	-25~+55
Protection Degree	IP54
Cooling	Air conditioner + air cooling
Dimension (mm)	1500W*1250D*2435H
Weight (kg)	about 3000kg
Firefighting	Perfluorohexanone/Aerosol