

# C&I ESS Series

215kWh Air-Cooled Energy Storage System



### Safe and reliable

Multiple safety systems; hierarchical management, real-time monitoring, double-layer heat insulation design



### Smart and friendly

EMS intelligent management strategy, multiple management modes; STS and off-grid seamless switching



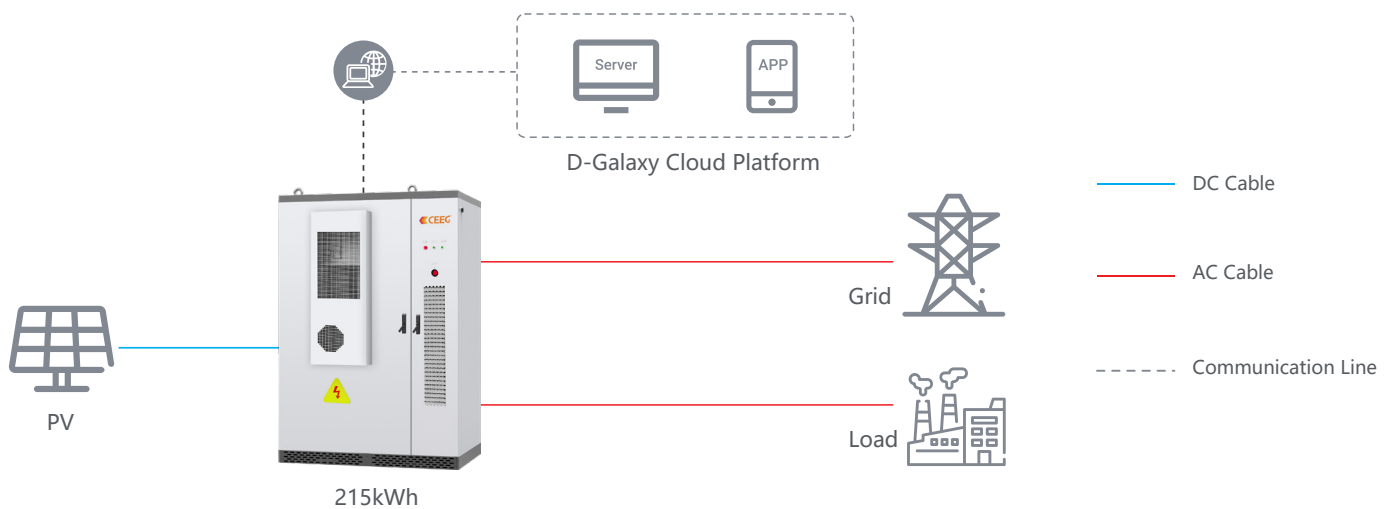
### Flexible configuration

Modular design, flexible configuration and convenient maintenance; supports hoisting and forklift transportation



### Cost effective

Professional design, one-stop service; achieving multiple benefits



## Model

CEIC-W-215kWh-100kW

### Battery

Cell Type	LFP
Charge/Discharge Ratio	≤0.5C
Nominal Voltage [V]	768
DC Voltage Range [V]	672~852
Rated Capacity[Ah]	280
DC Nominal Capacity [kWh]	215.04
Serial-parallel type	1P240S

### AC Input(Grid Side)

Rated Output Power [kW]	200
Rated Output Current [A]	288.7
Rated Grid Voltage [V]	3W/N/PE, 400
Rated Grid Frequency [Hz]	60
Frequency Range [Hz]	55~65
THDi	<3% (@ rated power)
DC Component	<0.5% In
Power Factor	>0.99 (@ rated power)

### AC Output(Load Side)

Rated Output Power [kW]	100
Max. Output Current [A]	159
Rated Output Voltage [V]	3W/N/PE, 400
Rated Output Frequency [Hz]	60
Three-phase Unbalanced	100%

### General Data

Ingress Protection	IP54
Communication Mode	RS485, CAN
Communication Protocol	Modbus, IEC104
Operation Temp [ C ]	-20~+50
PCS Cooling	Intelligent Air-cooled
Battery Colling	Air-conditioning Cooling
Fire Protection System	Yes
Altitude [m]	5000 (>1000 Derating)
Relative Humidity	0~95%, Non-condensing
Weight [t]	2.6
Dimension (W×D×H) [mm]	1350×1680×2400

