



Industrial & Commercial ESS



► Features

- A-grade cells with ultra-long cycle life
- Intelligent transition between on-grid and off-grid mode
- Flexible control strategies for precise regulation
- Designed service life: 10+ Years
- Advanced liquid cooling and optimal thermal regulation
- Suitable for high-altitude and harsh environments

► Main Technical Specifications

Model	CS215KWH768V105K3P-P54A
Rated charge/discharge power	105kW
Nominal energy	215kWh
Composition	1P240S (no parallel connection)
AC phase number	Three-phase four-wire
Cycle life	>8000 (discharge rate 0.5C EOL70%)
Communication protocols	Support IEC104, modbus-RTU, DL/T645, etc
Ingress protection	IP54 (inside the cabinet), IP67 (PACK)
Fire protection method	Cabinet fire protection/ Pack fire protection
Altitude	≤3000m (>2000m derating)
Dimensions (WxHxD) (mm)	1380x2200x1420 (hanging rings not included)
Weight (kg)	2.5T (±50kg)

► PCS Technical Specifications

Model	CS215KWH768V105K3P-P54A
Max. DC power (kW)	162
Max. input current (A)	171
DC operating voltage range (V)	615~950(3P3L)/650-950(3P4L)
AC Side Parameters (grid-tied)	
Rated AC power (kW)	105
Max. apparent load power (kVA)	115
Max. current (A)	167
Rated operating voltage (Vac)	240/400
Permissible grid voltage range	-10%~10%
Rated grid frequency (Hz)	50/60