

105kW 215kWh Commercial and Industrial Energy Storage Systems

► Features

- A grade brand new prismatic LiFePO4 cells
- > 8000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Meet the one-key parallel and off-grid switching
- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Excellent thermal management technology
- Supports up to 50KW-MPPT module*2 inbuilt

► Main Technical Parameter Requirements

Item	Specifications	Note
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%)	
Dimensions	D1420*W1380*H2200mm	Hanging rings not included
IP Class	IP54 (inside the cabinet), IP67 (PACK)	
Altitude	≤3000m	More than 1500m derating use
Weight	About 2.5T	±50kg
Fire Protect	Fire protection in the cabinet/PACK fire protection	
Communication protocols	Support IEC104, modbus-RTU, DL/T645, etc	

► PCS Technical parameters

Item	Parameters	Note
Maximum DC power(kW)	162	
Maximum input current(A)	171	
DC operating voltage range (V)	615~950(3P3L)/650-950(3P4L)	
AC side parameters (grid-connected)		
Rated AC power(kW)	105	
Maximum apparent load power (kVA)	115	
Maximum current(A)	167	
Cross-side grid operation parameters		
Rated operating voltage(Vac)	240/400	
Allowable grid voltage range	-10%~10%	
Rated network frequency(Hz)	50/60	