

## Floor Standing ESS

### Features

- Original Patent Design
- Multi-protection from self developed BMS
- Brand new battery for 8000 times cycle life



### Product Features

#### Ultra-Long Cycle Life:

Premium LiFePO4 cells deliver over 8,000 cycles at 95% DOD.

#### Advanced Multi-Protection BMS:

Patented BMS monitors voltage, current, and temperature via CAN/RS485. It safeguards against overcharge, short circuits, and thermal issues for top safety.

#### High-Efficiency Performance:

Supports easy inverter integration and power management in 0–50°C conditions.

#### User-Friendly Design:

Compact floor-standing unit with touch LCD for SOC display. Enables parallel expansion and eco operation in 5–95% humidity for simple setups.

## Technical Parameters

Model	PW-SCAE-C-51.2-670
Battery Type	LiFePO4
Nominal Voltage	51.2V
Voltage Range	43.2V - 58.4V
Nominal Energy	34.304kWh
Battery Capacity	670Ah
Charge/Discharge Current	Continuous:100A / Max:200A
Operating Temperature	Charge:0~50°C / Discharge:-20~60°C
Heating/Cooling Function	Supported
Communication	CAN / RS485 / WIFI(Optional)
Safety	BMS Intelligent Protection
Dimension (WxDxH)	810×400×755mm
Net Weight	238kg
Depth of Discharge (DoD)	95%
Cycle Life	≥8000
Expansion	Parallel Connection Supported
Certifications	UN38.3, MSDS

■ PRODUCTS ARE CONSTANTLY UPDATED, PLEASURE REFER TO THE ACTUAL PRODUCT FOR SIZE AND WEIGHT