



Pandora Box 215kWh

RCM- PB215-S

C&I ESS

All-in-one Energy
Storage System

5 Years
Free
Warranty

Easy
Installation

Standard and scalable, easy for transportation, installation and maintenance.

High
Performance

Energy efficiency up to more than 90%, high charging & discharging rate with superior cycle life.

Turnkey

Highly integrated with LFP, BMS, PCS, CCU, HVAC, FES and EMS all in one cabinet.

Optimization

The system utilizes local and remote EMS to optimize energy supply and demand through real-time load balancing, peak-shaving, and seamless renewable energy integration.



Technical Parameters

Model	Pandora Box 215
Performance	
Cell capacity / Material	280 Ah / LFP Prismatic
Operation Voltage	720V to 852VDC
Rated Voltage	768 V
System Rated Capacity	215 kWh
System Usable Capacity	200 kWh (93% DOD)
Charge Discharge Rate	≤ 0.5 P
Fire Extinguishing System	Gas fire extinguishing equipment
Interior PCS	
Rated Output Power	100 kVA
Max. Output Power	100 kVA
Rated Grid Voltage	400V AC, L1+L2+L3+N+PE
Max. AC Current	145 A
Frequency	50Hz / 60Hz
THDi	<3% (@ rated power)
Protection	
Protection Function	Over voltage, under voltage, over frequency, under frequency, overcurrent, overpower, over temperature, short circuit, anti-reverse wiring protection
Detection Function	Insulation impedance detection, Buzzing alarm, Combustible gas (smoke) monitoring, Water immersion monitoring (floating ball type), Access control monitoring(travel switch)
Environmental	
Operating Temperature Range	-20 °C to +55°C
Humidity	≤ 85%
Operating Altitude	≤2000 m
Communication	
Display	7" LED touch screen
Communication Protocol	Modbus TCP
Mechanical	
Ingress Protection	IP55
Dimensions (W x H x D)	1,257 x 2,200x 1,438 (AC cooling included) mm
Weight	2557±20kg
Thermal Management	Industrial air-controlled system
Installation Type	Ground Mounting
Enclosure Material	SPCC
Standards and Compliance	
Standards	IEC/EN62619, IEC/EN 63056, IEC/EN 62477-1, IEC/EN 61000-6-2, IEC/EN 61000-6-4, UN38.3, EN 50549-1/-2:2019, RENBLAD 342:2020, G99/1-10/03.24, VDE-AR-N 4105:2018, CEI 0-21:2022/N1:2022, CEI 0-16:2022N3:2024, C10/11:2021, EIFS 2018:2, TR 3.3.1:2024