



## Pandora Box 261kWh

RCM- PB261-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 261
<b>Battery Parameter</b>	
Cell capacity / Material	314 Ah / LFP Semi-solid state
Operation Voltage	728V to 936V dc
Nominal Voltage	832Vdc
System Nominal Capacity	261 kWh
System Usable Capacity	248 kWh (95% DOD)
Charge Discharge Rate	≤ 0.5 P
Battery Cabinet Fire Protection System	Cluster cabinet level, Aerosols, Water; Active and passive triggering
Electrical Cabinet Fire Protection System	Fire extinguishing agent, Aerosol, Single Point Injection
<b>Interior PCS</b>	
Rated Output Power	130 kVA
Rated Grid Voltage	400 V AC, L1+L2+L3+N+PE
Max. AC Current	188 A
Frequency	50/60Hz
THDi	<3% (@ rated power)
Maximum Efficiency	98.5%
<b>Protection</b>	
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)
<b>Environmental</b>	
Operating Temperature Range	-25°C~ +55°C (>45°C Derating)
Operation Humidity	5%~95%
Operating Altitude	≤2000 m (>2000m Derating)
<b>Communication</b>	
Display	7" LED touch screen
Communication Protocol	Modbus TCP
<b>Mechanical</b>	
Ingress Protection	IP55
Dimensions (W x H x D)	997 x2,325 x 1,396 mm
Weight	≈2750kg
Thermal Management	Industrial Liquid-cooling system
Installation Type	Ground Mounting
<b>Standards and Compliance</b>	
Standards	System: EN IEC 62619:2022 IEC 63056:2020 EN IEC 61000-6-2:2019 EN IEC 61000-6-4:2019 EN 62477-1 IEC 60730-1:2022 Annex H UL 9540A: 2019, PCS: EN 50549-1 EN50549-2 EN 50549-10