



Pandora Box 215kWh

RCM-ESS100/215-C

C&I ESS

10 Years
Free
Warranty

Integrate energy storage batteries, PCS, Fire-fighting system and fully monitoring of system operation status and risks.

Reliability

With patented VSG technology, supports long-distance parallel connection of multiple units without communication lines and on/off grid switching functions.

Optimized the heat dissipation duct to protect against dust and rain. Front and rear doors facilitate maintenance and system layout, reducing LCOE.

High
Performance

Supports local system operation monitoring, energy management strategy formulation, remote equipment upgrade function etc.

Modular design, on/off-grid switching, and transformer can be flexibly configured.

Flexible

Up to 4 kits parallel to 400kW/860kWh.



Technical Parameters

Model	Pandora Box 215
Battery Parameter	
Nominal Battery Capacity	215kWh
Rated System Voltage	768V
System Voltage Range	672V - 864V
Battery Type	LFP
Battery Series Connection	IP*20s*12s
Cell Type	280Ah
Max. Charge & Discharge Power	0.5P
Max. Charge & Discharge Current	140A
PV Parameter	
PV Input Power	100kW
PV Voltage Range	250V - 500V (MPPT)
Max. PV Current	160A
No. of MPPT	2
AC Parameter	
Nominal AC Power	100kW
Nominal AC Current	144A
Nominal AC Voltage	400V, 3W+N+PE
Nominal AC Frequency	50/60Hz
THDi	<3% (@Nominal Power)
Power Factor	-1 leading ~ +1 lagging
THDv	<3% (Liner Load)
System Parameter	
Ingress Protection	IP55
Protection Class	I
Isolation Method	Transformer
Self-Consumption Power	<100W (Exclude Transformer)
Display	LCD touch screen
Relative Humidity	0~95% (No condensation)
Noise	<78dB
Ambient Temperature	-25°C~60°C (>45°C derating)
Cooling Method	Smart fan cooling
Operation Altitude	3000m (>2000m derating)
BMS Communication	CAN
EMS Communication	Ethernet /485
Dimension (W*D*H)	1800*1200*2300mm
Weight (about)	3040kg