





## Cabinet Air Cooling ESS VE-215



### Features

-  **SAFE AND RELIABLE**
  - Approved industry certification of Cell pass test by UL/IEC
  - Multi-level design for fire control
  - Built-in early warning detection system
  - IP 54 rating for enclosure
  - IP66 for battery pack
-  **ENHANCED MONITORING CONTROL**
  - Integrated performance control for local and remote monitoring.
  - Data logging for component level status monitoring.
  - Real-time system operation analysis on terminal screen.
-  **EFFICIENT AND DURABLE**
  - Modular battery and cooling equipment are designed for better temperature control
-  **SMART AND SCALABLE**
  - Modular design supports ease of installation, expansion, and maintenance
  - ESS self-diagnosis and healing function
  - Supports remote maintenance and upgrades

TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Battery Parameters	
Cell Type	LFP 3.2V/280Ah
Configuration	1P240S
Nominal Capacity	215kWh
Nominal Voltage	768 Vdc
Voltage Range	672~852V
BMS Communication Interface	RS485, CAN, Ethernet
Standard & Certification	IEC/EN 62619, IEC/EN 63056, IEC/EN 62477-1, IEC/EN 60730-1, EN 61000-6-1/-2/-3/-4, RoHS 2.0, UL 1973, UL 9540A, UL 60730-1
AC Parameters	
AC Nominal Power	100 kVA
THDi	<3% (rated power)
DC Component	<0.5%
AC Nominal Voltage	400Vac
Grid Voltage Range	400V, L1+L2+L3+N+PE
Power Factor	>0.99
Adjustable Power Factor	-105%~105%
Operating Grid Frequency	50 Hz
Grid Frequency Range	± 5 Hz
Isolation Type	Non-isolated
Protection Function	Anti-Islanding protection, AC overcurrent protection, AC surge protection, Insulation impedance detection
Standard & Certification	IEC 61000-6-2, IEC 61000-6-4
Basic Parameters	
Enclosure Dimensions (W*H*D)	1,650*2,300*1,200mm
Weight	~1.8 T
Enclosure IP Rating	IP54
Battery Pack IP Rating	IP66
Operating Temperature	-30°C~+50°C
Relative Humidity	0%~ 95%, non-condensing
Max. Altitude (above sea level)	2000m (>3000m derating)
Battery Cooling Mode	Air cooling
Cooling Mode	Intelligent forced air cooling+ roof-top air conditioning system
Fire Suppression System	Aerosol, pack-level FSS
Communication Protocol	Modbus TCP, Modbus RTU, CAN2.0

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