

AIR COOLING ESS

HYX-EF215P2-M

HYX-EF215P2-MS



Safe & Reliable

- A⁺ grade cells with automotive-grade standards
- 24/7 Battery Monitoring

Flexible & Scalable

- Supports up to 3 parallel units

Convenient and Flexible

- Support multiple installation methods
- Built-in EMS, remote O&M
- Plug-and-play, flexible, easy installation

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Technical Specifications

Product Model	HYX-EF215P2-M	HYX-EF215P2-MS
Battery Side		
Battery Type	LiFePO4	
Cell Capacity	280Ah	
Battery Configuration	1P240S	
Operating Voltage Range	672 - 864V	
Nominal Capacity	215kWh	
Calendar Life	6,000 / 70%EOL (25±2°C, 0.5P)	
AC Side		
Nominal Power	100kW	
Nominal Current	145A	
Operating Voltage Range	AC 400V±3% Vac	
AC Connection Method	3P+N+PE	
Nominal AC Grid Frequency	50 / 60Hz (-2.5 to +2.5Hz)	
PV Side		
Nominal Input Voltage	300 - 650V	
Number of MPPT	2	
Nominal Input Power	50kW*2	
Nominal Current Per MPPT	138A	
STS Side		
Off-grid Switching Time	/	≤ 20ms
General Data		
System Parallel Units	3	/
Operating Temperature Range	-20 to 50°C	
Operating Humidity Range	0 - 95%RH	
Noise	≤ 75dB	
Dimensions (W*H*D)	1730*2200*1170mm	
Weight	3,500kg	
Protection Degree	IP54	
Cooling Method	Air Cooling	
Fire Protection Method	Aerosol Fire Suppression	
Max. Operating Altitude	≤ 2,000m	
Networking Mode	WIFI / LAN	

Preliminary