HYXiPOWER

AIR COOLING ESS
HYX-EF215P2-STS



Reliable Performance

- 7 layers of electrical safety protection
- A+ grade cell, automotive grade standard
- 7*24H collection of battery operation status

System expansion

- System support 2 parallel units

Easy Installation

- Supports a variety of installation methods
- Includes an intelligent EMS system, remote wireless operation and maintenance
- Reduces construction cycle, plug-and-play on-site, flexible configuration, easy installation

HYX-EF215P2-STS

Technical Specifications

Product Model	HYX-EF215P2-STS
Battery Side	
Battery Type	LiFePO4
Cell Capacity	280Ah
Battery Configuration	1P240S
Operating Voltage Range	672 - 864V
Nominal Capacity	215kWh
Calendar Life	5,000 / 80%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	50 / 50kW
Nominal Current Per MPuÑ	138A
STS Side	
Off-grid Switching Time	≤ 20ms
General Data	
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	≤ 3,000m
Networking Mode	WiFi / LAN

Design and specifications are subject to change without notice. Version 1.4-202406

Preliminar