

Utility ESS

POWER MASTER



Product advantages



High Yield

- Support 1500Vdc battery system with high conversion efficiency in full power band
- Modular design, easy to install, easy to maintain, lower OPEX
- Intelligent air-cooling, 45°C without derating

Grid Friendly

- Support IEC61850 and fast power response
- Centralised control with fewer control units
- Support active and reactive power response with four-quadrant operation
- Supports high and low voltage crossings to support the grid

Safe & Reliable

- IP66 protection rating for modules and IP55 for systems with high environmental adaptability
- Linkage with BMS and EMS to support multiple protection
- Modular design with high system availability
- With intelligent control algorithm, the system capacity is flexible and adjustable

Model	EBI 1725K
DC Side	
Maximum DC Voltage	1500V
DC Voltage Working Range	1000-1500V
Maximum DC Current	948A*2
AC Side (Grid-on)	
Rated AC Active Power	1725kW
Maximum AC Active Power	1898kW
Maximum AC Apparent Power	1898kVA
Rated AC Current	1443A
Maximum AC Current	1588A
Rated Grid Voltage	690V
Grid Voltage Range	586.5-759V
Rated Grid Frequency	50/60Hz
Grid Frequency Range	45-55Hz/55-65Hz
Power Factor	-1~1, Adjustable
Current Total Harmonic Distortion (@Rated Power)	<1%
System Characteristics	
Working Temperature	-35°C~60°C
Relative Humidity	0~100% (Condensationless)
Noise level	<80dB
Maximum Working Altitude	4000m
Cooling method	Temperature controlled forced air cooling
Communication port	CAN,RS485,Ethernet
Degree of Protection	Module IP66, System IP55
Mechanical Parameters	
Dimensions (W*H*D)	2790x2115x975 mm
Weight	<1500kg

* If the size and parameters of the product are changed, the latest information of the company shall prevail without prior notice.