EQTCO1204P1000AC
EQTCO1290P600AC
EQTCO1720P800AC

1.2/1.7MWh

BESS Container

Performance

Maximize Battery Utilization:
DC BUS grid-forming technology guarantees 100% availability of your battery cluster capacity, ensuring uninterrupted power flow when you need it most

Adapt and Expand:
Effortlessly scale your energy storage capacity with our flexible configuration and modular design. Add up to 8 individual battery cabinets and customize the configuration to fit your project needs

Optimized Cell Performance:
Series-only connections help reduce voltage differences between cells, promoting balanced charging and discharging, and extending the overall lifespan of the battery system

Long life and durability

Contain and Control:
Patented flame-suppression design provides an additional layer of protection, preventing the spread of fire and ensuring the safety of your investment and personnel

Enhanced Accessibility and Serviceability:
A spacious electrical room allow for convenient shoulder-to-shoulder placement of the PCS, facilitating easy access, maintenance, and upgrades, while promoting efficient cable management and increased safety

Reliable Operation:
Wide operating temperature range (-20°C to 55°C) and humidity tolerance (0-95% non-condensing) ensure stability in diverse environments

Solid and reliable

Modular Maintenance:
Maintain peak performance with minimal disruption. The modular design allows for individual components to be serviced or replaced without affecting the operation of other modules, optimizing uptime and reducing maintenance costs

Plug-and-Play Simplicity:
Accelerate your deployment with our plug-and-play design.
Our containerized BESS requires minimal on-site construction, saving you valuable time and resources

Space-Saving Footprint:
Maximize your available space with our all-in-one design.
All critical components are integrated within a standard 20HQ container, minimizing its physical footprint and simplifying integration into your existing infrastructure

System Technical Specification

1.2/1.7MWh

BESS Container

Item	Specification		
Product model	EQTCO1204P1000AC	EQTCO1290P600AC	EQTCO1720P800AC
Configuration	6x240s1p	6x240s1p	8x240s1p
Rated energy	1204kWh	1290kWh	1720kWh
Rated input voltage	AC400V		
Dimension	6058mm × 2438mm × 2896mm		
Mass	Max 25t		
Rated output power	1000kW	600kW	800kW
Max output current	1442A	866A	1155A
Harmonics	＜3%（@rated power）		
Overload capacity	110%, 10 mins; 120%, 60s		
Operating ambient temp.	-20~55°C		
IP level of enclosure	Bat. Room IP55 Electric room IP54		
Corrosion resistance	C3		
Environment humidity	0%～95%		
Cooling and heating type	Battery cabinet: HVAC Electrical room: forced air cooling		
Noise level	≤75dB		
Communication protocol	Modbus TCP/IP		
Executive standard	IEC62477-2022, IEC62619-2022, IEC61000, EN50549, G99, UN3536, UN38.3		