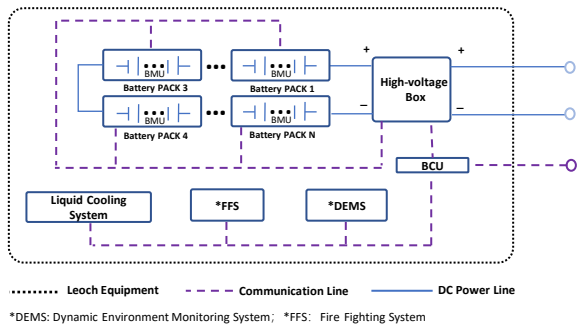


Liquid-Cool Battery Energy Storage Systems
Quark-B261~417-L



- Easy to Install
- Flexible deployment
- Safe and Reliable
- Rich configuration



System model	Quark-B261-L	Quark-B313-L	Quark-B365-L	Quark-B417-L
Battery Parameters				
Cell Type	LFP3.2V, 314Ah			
Battery PACK Type	1P52S			
Cluster Configuration	1P260S(5 PACK)	1P312S(6 PACK)	1P364S(7 PACK)	1P416S(8 PACK)
Nominal Energy	261kWh	313kWh	365kWh	417kWh
Nominal Battery Voltage	832V	998.4V	1164.8V	1331.2V
Battery Voltage Range	728V ~ 936V	873.6V ~ 1123.2V	1019.2V ~ 1310.4V	1164.8V ~ 1497.6V
System Parameters				
Dimensions (W*D*H)	1360*1350*2400mm			
Weight	About 2865kg	About 3215kg	About 3565kg	About 3915kg
IP Level	IP55			
Corrosion protection Level	C4-H			
Altitude	≤2000m(Derating over 2000 meters)			
Operating Temperature	-20℃~50℃			
Relative Humidity	5% ~ 95% (no condensation)			
Balancing Mode	Passive equilibrium			
Cooling method	Intelligent liquid cooling			
Fire Fighting System	Aerosol fire extinguishing + explosion- proof pressure relief (Meet 1-hour fire resistance rating)			
Communication Interface	RS485, CAN, Ethernet			
Certifications	IEC61000, IEC62619, IEC62933-5-2*, IEC62477,UL9540A, UL1973, IEC60529 (IP67) , (EU) 2023 1542, UN38.3			

* IEC 62933-5-2 certification is currently available for the Quark-B417-L . Certification coverage for other models can be provided upon request.

Application Scenario

Utility-Scale ESS

Renewable Power Plant Integration

Frequency Regulation

Grid Stabilization

Peak Shaving

Large Microgrid