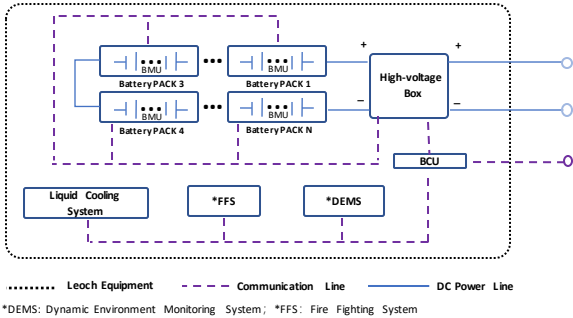


Liquid-Cool Battery Energy Storage Systems  
Quark-B261~417-L



- 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 Voltage Range      | 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<br>(Meet 1-hour fire resistance rating)           |                |                 |                 |
| Communication Interface    | RS485, CAN, Ethernet                                                                                           |                |                 |                 |
| Certifications             | IEC61000, IEC62619, IEC62933-5-2*, IEC62477, UL9540A, UL1973, UL9540A, 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