



Europe based
aftersale service
Company HQ in Spain



EXB 5K/10KLV

Low Voltage

LiFePO4 BATTERY



Reliable battery cells



Advanced BMS control



Fashion design



IP65 outdoor and indoor application



Parallel capacity up to 16



Wall-mounted or floor-standing installations



+34 985 194 232

CALLE COVADONGA 5, 33002 (OVIEDO, ASTURIAS)

www.bexiegroup.com

BEXIE GROUP designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cells enable us to produce different types of solar panels with highest efficiency.

EXB 5K/10KLV

LiFePO4 BATTERY

| Electrical Characteristics | | |
|-----------------------------------|---|-----------------------------------|
| Model | EXB 5KLV | EXB 10KLV |
| Nominal Capacitance | 100Ah | 200Ah |
| Total Energy | 5.12kWh | 10.24kWh |
| Usable Energy (DC) | 4.6kWh | 9.2kWh |
| Nominal Dis-/Charge Power | 2.5kW | 5kW |
| Peak Power (Only Discharge) | 2.9kW for 3 seconds | 5.8kW for 3 seconds |
| Constant Current (Only Discharge) | 50A | 100A |
| Voltage | 43.2~58.4Vd.c | 43.2~58.4Vd.c |
| Nominal Voltage | 51.2Vd.c | 51.2Vd.c |
| Max. Charge Voltage | 58.4Vd.c | 58.4Vd.c |
| Weight | 58kg | 109kg |
| Dimension (mm) | 490 (550)*650 (700)*196 (216)mm | 585 (645)*940 (995)*205 (225)mm |
| Safety | CE, UN38.3, IEC 62619, IEC 63056 | CE, UN 38.3, IEC 62619, IEC 63056 |
| Max.recommended DOD | 90% | |
| Operating Condition | Indoor or outdoor | |
| Operating Condition | Charge | From 0~45°C |
| | Discharge | From -10~50°C |
| Humidity | 4~100% (No condensed water) | |
| Pollution Degree | 3 | |
| Over Voltage Category | II | |
| Cooling Type | Natural cooling | |
| Case Material | Metal+Plastic | |
| IP rating | IP 65 | |
| Protective Class | I | |
| Max. Number of Paralle | 16 | |
| Warranty | 10 years | |
| Communication | CAN/RS485 | |
| Protection Mode | Triple hardware protection | |
| Battery Protection | Over-current/Over-voltage/Short circuit/Under-voltage | |
| Hazardous Material Classification | 9 | |

Specifications are subject to change without advanced noticed.