

Wall Mounted Battery

B15K-XWLU



- Air switch with shunt release for secondarr protection
- Adopted the no-dial technology to avoid the complex process of manual dialing
- With WIFI connectivity,supportr OTA remote upgrade
- IP65 waterproof capability design
- Maximum 16 unites in parallel
- With heating pads,adapted to more geographical use (-40 °C - 50 °C)



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

Model	B15K-XWLU
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Electrical Characteristics

Nominal Voltage	51.2V
Operating Voltage Range	43.2~58.4VDC
Cell Combination	16S/1P
Rated Capacity	280Ah
Total Energy	14.34KWh
Max. Number of Expansions	16
Cycle Life	Capacity Decay to 80%,Cycle Number ≥6000 Times @ 90% DOD, @ 25±2°C,Standard Charge and Discharge Mode
Self-Discharge	≤3%/Month
Balanced Method	Passive Balance
Factory Capacity	SOC 30~70% (TBD)

Charge/Discharge Standards

Charging Voltage	57.6V
Max. Continuous Charging Current	200A
Max. Discharge Continuous Current	200A
Discharge Cut-Off Voltage	43.2V
Charge Cut-Off Voltage	58.4V

Environment

Charging Operating Temperature	0~55°C≤90% ROH
Discharge Operating Temperature	-30~60°C≤90% ROH
Storage Temperature	23±2°C

Mechanical

Protection Level	IP65
Battery Cell Materials	LiFePO4
Housing Material	Metal
Chassis Style	Wall Mount
Product Size (L*W*H mm)	908*470*262 mm
Package Size (L*W*H mm)	1010*570*345 mm
Net Weight	125kg
Gross Weight	140kg

Communications

Protocol	RS485/CAN/WiFi
Certifications	UN38.3 / MSDS / EN IEC 61000-6-3:2021 / CE / UL1973 / UL950A
Warranty	5 Years