LIVOLTEK

Low-Voltage Residential Battery

HomCellar-15/16kWh-B2

Livoltek HomCellar series batteries are made for home solar systems, perfect for families with high power needs. With their large capacity, they store more solar energy, giving your home reliable backup power and cutting down on electricity bills by reducing reliance on the grid. These batteries also come with a smart Battery Management System (BMS) for top-notch safety and dependable performance. Choose Livoltek HomCellar to enjoy a greener, more cost-effective energy solution with peace of mind.

*Indoor, IP20

Efficient and Durable

- Over 6,000 cycles with Iron Phosphate-lithium power battery
- High capacity in a compact design for homes and businesses

Smart and Flexible

- Real-time monitoring via app and LCD.
- Easy to move and space-efficient.

Versatile Applications

- Perfect for homes, small businesses, backup power, and off-grid use
- Expandable with up to 15 units in parallel

Reliable Safety

- 160A/200A max charge/discharge for fast response and overload protection
- Built-in BMS ensures safety and low maintenance

20260902 Edition

Design and specifications are subject to change without notice

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BATTERY

HomCellar-15/16kWh-B2

Model	HomCellar-15-B2	HomCellar-16-B2
Total Capacity	15 kWh	16 kWh
Nominal Voltage	48 V	51.2 V
Nominal Voltage Range	40.5-54.0V	43.2-57.6V
Rated Capacity	314 Ah	314 Ah
Battery Module	48 V, 314 Ah, 15 kWh	51.2 V, 314 Ah, 16 kWh
System Composition	1P15S	1P16S
Depth of Discharge	90%	
Operating Temperature	Charge: 0°C to +55°C; Discharge: -20°C to +55°C	
Max. Charge/Discharge Current	160 A / 200 A	
Operating Humidity	5%-95% (RH) No Condensation	
Operating Altitude	<4000 m	
Communication	CAN & RS485	
Cycle Life	6000 Cycles	
Scalability	15	
Ingress Protection	IP20	
Cooling	Natural cooling	
Dimensions (W × H × D)	415 × 883 × 234 mm[1]	415 × 883 × 234 mm[1]
Weight	105.5 kg	110.5 kg

**[1]: The dimensions refer to the product with wheels included.*

[2]:Test conditions: 0.5C Charge/0.5C Discharge, @25°C, 90% DOD, 70% EOL.