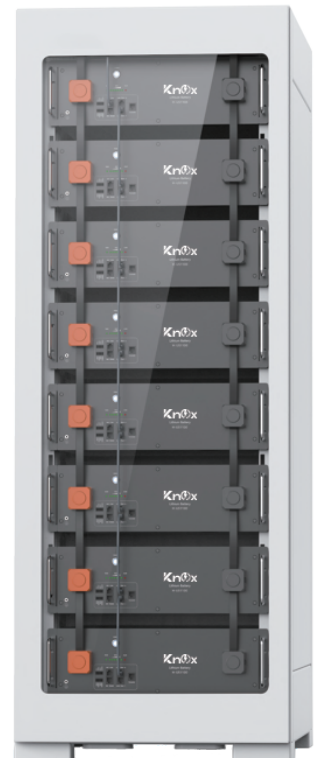




H-U51100

Lithium Rack Mounted Battery



Small Form Factor
Sparing Floor Space



Powerful Energy Supply
Trusted & Sustained



Easy to Install
Easy to Transport



Parallel System
5.22 kWh to 78.30 kWh



PRODUCT FEATURES Era L2

- Scalable from 5.22kWh to 78.30kWh power configurations.
- Modular design allows convenient installation, more operation.
- Safest LiFePO4 technology, sustained power supply.
- Long lifespan, up to 8000 cycles.
- Armed with Knox designed BMS, three layer over current protection, safety first.
- Floor space sparing, allowing more space management.
- RS485, CAN communication support. Wi-Fi / BLE optional.
- Compatible with mainstream brand inverters: KNOX, Growatt, Deye, Sunsync, Victron, Studer, Aiswei, Inverex, Voltronic Power, MEGAREVO, Afore, SRNE...
- Remote access with Bluetooth / WiFi for monitoring, to reduce operation and maintenance costs.

TECHNICAL PARAMETER

Era L2

Technical Parameters

Battery Module Model	H-U51100
Cell Technology	LiFePO4
Battery Module Voltage (Vdc)	51.2
Battery Module Capacity (Ah)	102
Battery Module Capacity (kWh)	5.22
Battery Module Usable Capacity (kWh)	5.12
Nominal capacity	102 Ah
Communication	CAN, RS485 / Wi-Fi, BLE (optional)
Cycle Life (Cycles)	8000
Battery Module Charge Upper-Voltage (Vdc)	57.6
Battery Module Discharge Lower-Voltage (Vdc)	43.2
Maximum Charging Current	102A - 1C
Max. Charge/Discharge Current (Amps)	100
Peak Discharge Current	200A - < 3000mS
Configuration (modules per group)	up to 15pcs in parallel

Mechanical Parameters

Dimension (mm)	442*450*145
Weight (kg)	48 (±0.5)
Protection Class	IP20
Cooling Type	Natural Cooling
Charge Temperature Range (°C)	0 ~ 50
Discharge Temperature Range (°C)	-10 ~ 50
Operating Ambient Temperature	0°C - +45°C -10°C~ +45°C
Humidity	5% ~ 85% (without condensation)
Certificate	CE, UN38.3

