

## H-U51100 Lithium Rack Mounted Battery







Small Form Factor Sparing Floor Space



Powerful Energy Supply Trusted & Sustained



Easy to Install Easy to Transport

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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
Max. Charge/Discharge Current (Amps) Peak Discharge Current	100 200A - < 3000mS
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Peak Discharge Current	200A - < 3000mS
Peak Discharge Current Configuration (modules per group)	200A - < 3000mS
Peak Discharge Current Configuration (modules per group) Mechanical Parameters	200A - < 3000mS up to 15pcs in parallel
Peak Discharge Current   Configuration (modules per group)   Mechanical Parameters   Dimension (mm)	200A - < 3000mS up to 15pcs in parallel 442*450*145
Peak Discharge Current   Configuration (modules per group)   Mechanical Parameters   Dimension (mm)   Weight (kg)	200A - < 3000mS up to 15pcs in parallel 442*450*145 48 (±0.5)
Peak Discharge Current   Configuration (modules per group)   Mechanical Parameters   Dimension (mm)   Weight (kg)   Protection Class	200A - < 3000mS up to 15pcs in parallel 442*450*145 48 (±0.5) IP20
Peak Discharge Current   Configuration (modules per group)   Mechanical Parameters   Dimension (mm)   Weight (kg)   Protection Class   Cooling Type	200A - < 3000mS up to 15pcs in parallel 442*450*145 48 (±0.5) IP20 Natural Cooling
Peak Discharge Current   Configuration (modules per group)   Mechanical Parameters   Dimension (mm)   Weight (kg)   Protection Class   Cooling Type   Charge Temperature Range ( °C)	200A - < 3000mS up to 15pcs in parallel 442*450*145 48 (±0.5) IP20 Natural Cooling 0 ~ 50
Peak Discharge Current   Configuration (modules per group)   Mechanical Parameters   Dimension (mm)   Weight (kg)   Protection Class   Cooling Type   Charge Temperature Range ( °C)   Discharge Temperature Range ( °C)	200A - < 3000mS up to 15pcs in parallel 442*450*145 $48 (\pm 0.5)$ IP20 Natural Cooling $0 \sim 50$ $-10 \sim 50$ $0^{\circ}C - \pm 45^{\circ}C$

