

State-of-the-Art Lithium Batteries

Atrix Terminal

- 🔥 Arcing & fire-proof design
- ⚡ Quick plug & unplug
- ⚡ Corrosion-free, low-resistance connectors
- ⚡ Ensures efficient power transfer

Atrix Heater

- ⚡ Built-in heater activates below 10°C
- ⚡ Maintains full backup time & energy
- ⚡ Reliable performance in cold environments



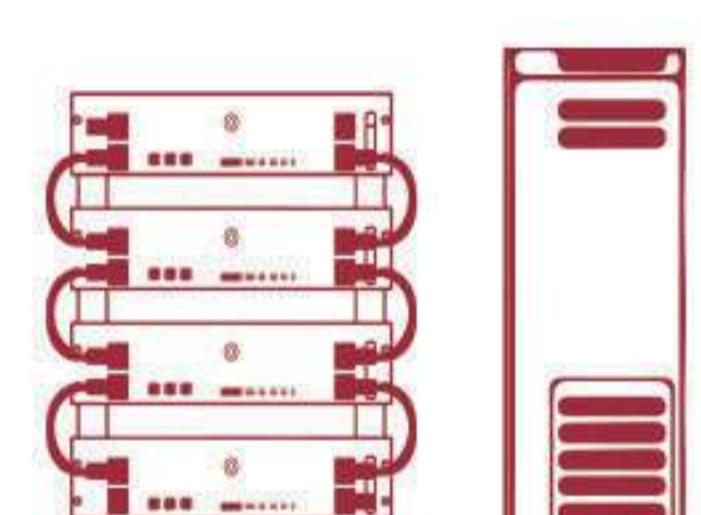
Conventional

Atrix



Flexible Application

Optimized for stack and build in cabinet installation



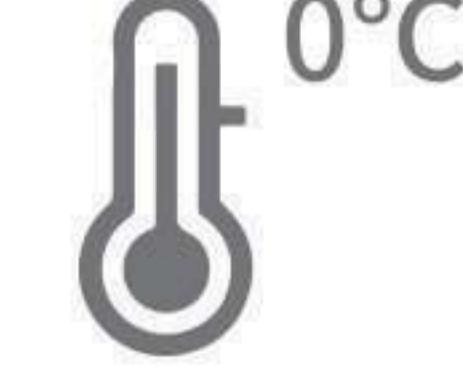
Easy to Install

Plug and play
Compact and light
2 Persons installation



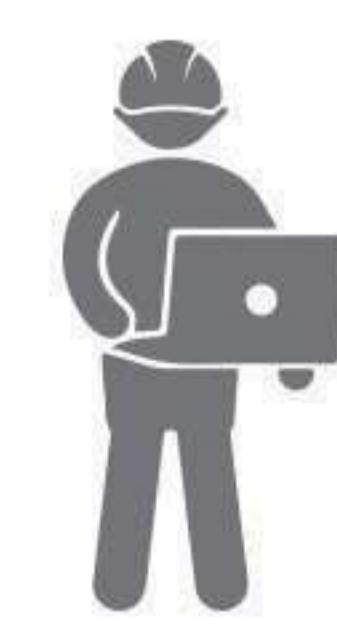
Excellent Performance

100% DOD
Operate at -10° C without any limitation and attenuation



Battery APP (Optional)

Real time monitoring
Remote maintenance and upgrades (optional)



Specifications

Model	Atrix-5	Atrix-10	Atrix-15	Atrix-20
Nominal Energy	5kWh	10kWh	15kWh	20kWh
Usable Energy (100% DOD)	5kWh	10kWh	15kWh	20kWh
Rated Voltage	51.2V	51.2V	51.2V	51.2V
Charge/Discharge Cut Off Voltage	44.8V~55.2V	44.8V~55.2V	44.8V~55.2V	44.8V~55.2V
Roundtrip Efficiency	>98%	>98%	>98%	>98%
Rated Charge/Discharge Current	50A/50A	100A/100A	150A/150A	200A/200A
Max. Cont. Charge/Discharge Current	100A/100A	180A/100A	200A/200A	200A/200A
Communication Interface	CAN 2.0/RS485			
Scalability	Max. 200 in Parallel, Max. 1 MWh			

1 Life Cycles = 6000 Cycles

8 Anti Expansion Design

2 Rated Charge/Discharge = 0.5C/0.5C

9 Built-in Heater

3 Max. Cont. Charge/Discharge = 1C/1C

10 Quick Plug and Unplug DC Terminal

4 DOD = 100%

11 Communication Cables and DC Wires

5 Installation = Wall Mount /Rack Mount

12 Compatible Inverters (Please refer to the list)

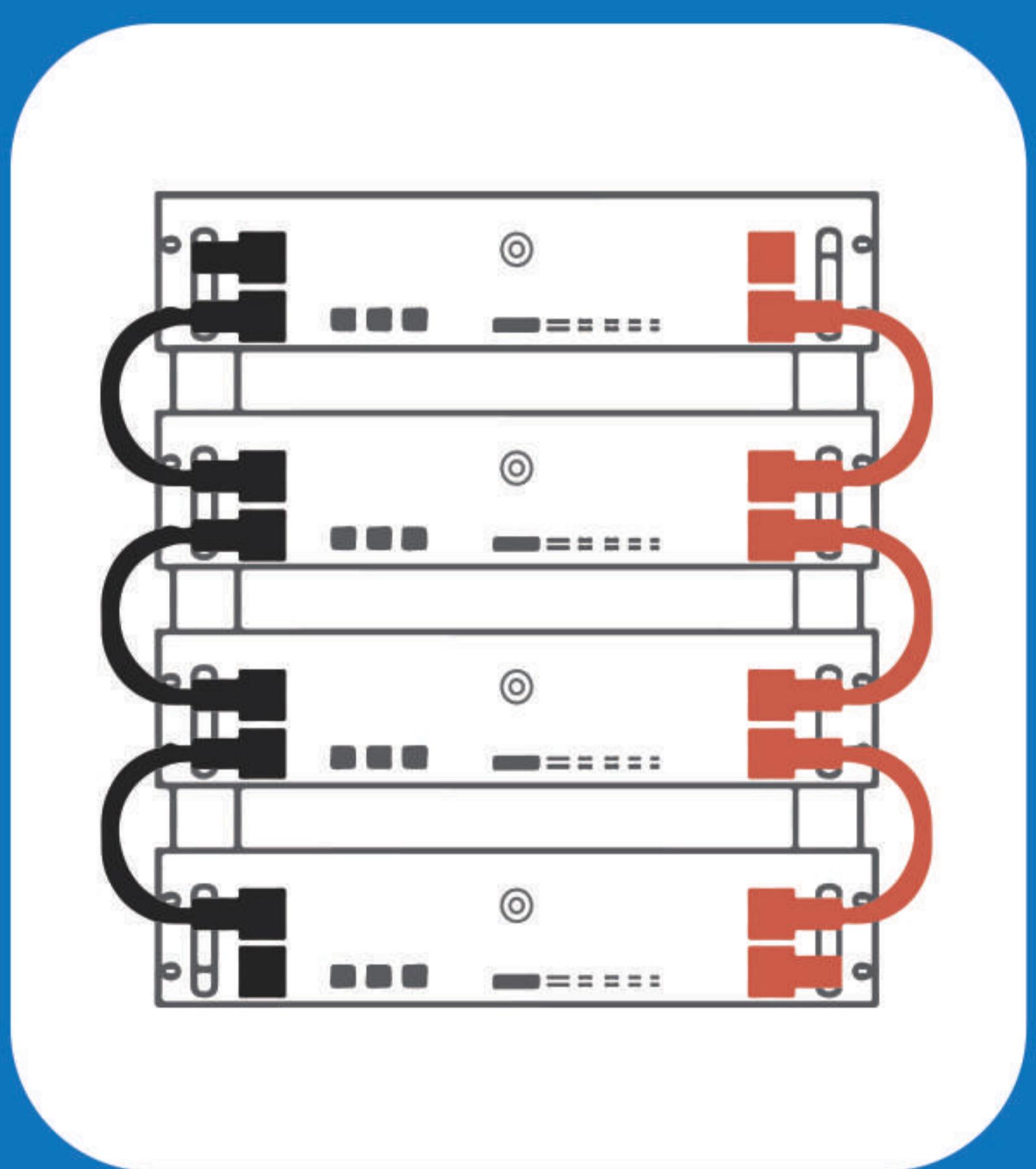
6 Warranty = 6+1 years*

13 With Built-in Flexible Battery Rack

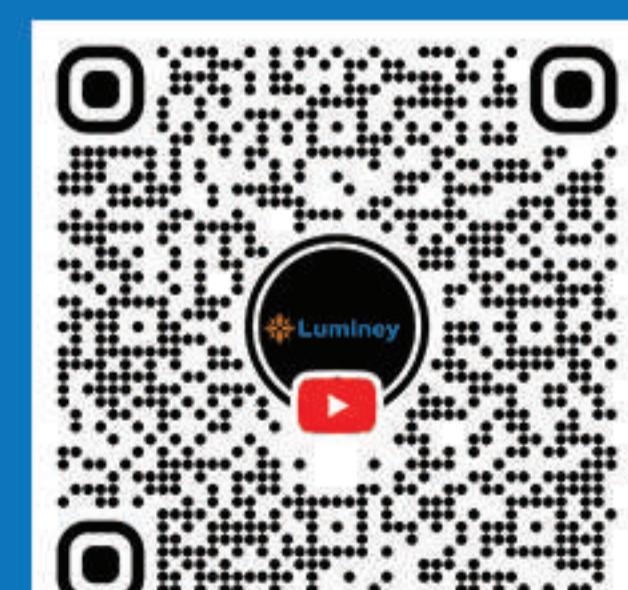
7 Battery Type = LiFePO4

Operating Conditions

Installation Location	Indoor
Operating Temperature	14°F to 122°F (-10°C to 50°C)
Storage Temperature	-22°F to 140°F (-30°C to 60°C)
Humidity	10% to 90%, Non-condensation
Dimensions	482*135*433/Pack (W*H*D, mm)
Weight	45kg/90kg/135kg/180kg
Enclosure Protection Rating	IP20
Altitude	<2000m
Cooling	Natural Convection
Certificates	IEC62619/CE/CEI 0-21/UL1973/ FCC/UN38.3



*Warranty 6+1 years (+1 year warranty is extended upon the installation of Battery Wi-Fi Databox and connected to the Internet)



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