Atrix

Sunwoda Atrix series adopts a flexible modular design, which can be expanded from 5 kWh of a single module to 120 kWh of 24 battery modules.

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℃ without any limitation and attenuation
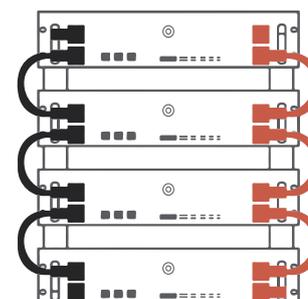
Battery APP (Optional)

● 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. charge/discharge current	100A/100A	180A/180A	200A/200A	200A/200A
Communication interface	CAN 2.0/RS485			
Scalability	Max. 24 in parallel, Max. 120 kWh			

Operating conditions

Installation location	Indoor
Operating temperature	Discharging:-4℉ to 122℉ (-20℃ to 50℃), Charging:14℉ to 122℉ (-10℃ to 50℃)
Humidity	10% to 95%, non-condensation
Dimensions	482*135*433/PACK (W*H*D, mm)
Weight	45kg/90kg/135kg/180kg
Enclosure protection rating	IP20
Altitude	<4000m
Cooling	Natural convection
Warranty	10 years*
Certificates	IEC62619/CE/CEI 0-21/UL1973/ FCC/UN38.3

* DC Usable Energy, Test conditions: 100% DOD, 0.2C charge & discharge at 25℃.
* Charge/discharge derating occurs when the operating temperature from -10℃ to 5℃.