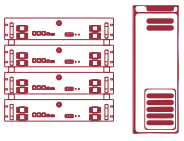
Atrix Basic

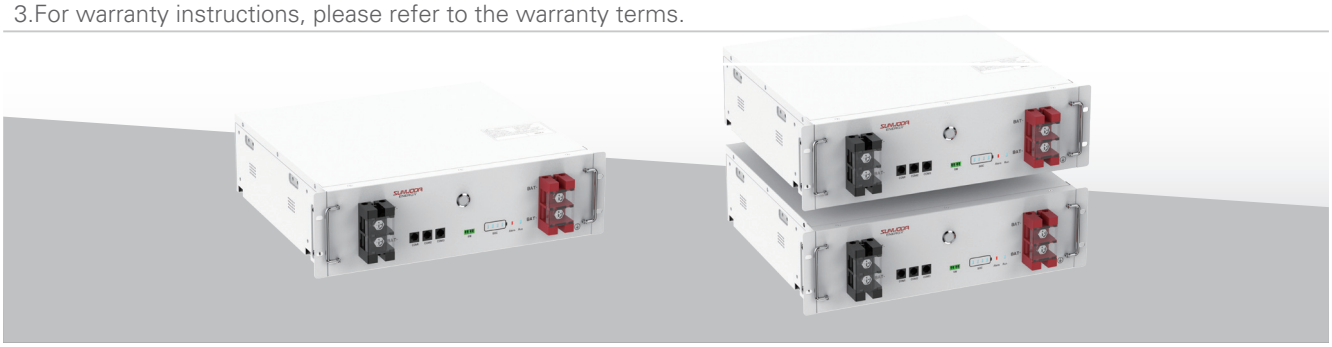
Sunwoda Atrix Basic adopts a flexible modular design, which can be expanded from 5 kWh of a single module to 1MWh of 200 battery modules.

	Conventional	Atrix basic series
Flexible application • Optimized for stack and build-in cabinet installation	 Lead batteries	
Easy to install • Lug connection • Compact and light, 2 persons installation		
Battery APP (Optional) • Real time monitoring • Remote maintenance and upgrades (optional)		

Specifications

Model	Atrix Basic-5	Atrix Basic-10	Atrix Basic-15	Atrix Basic-20
Nominal energy	5kWh	10kWh	15kWh	20kWh
Usable energy (100% DOD) [1]	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
Rated charge/discharge current [2]	50A/80A	100A/160A	150A/240A	200A/320A
Max. charge/discharge current [2]	100A/100A	180A/180A	240A/240A	320A/320A
Communication interface	CAN 2.0/RS485			
Scalability	Max.200 in parallel (Optional Data Box)			

Operating conditions

Installation location	Indoor
Operating temperature	Discharging:-4℉ to 122℉ (-20℃ to 50℃), Charging:32℉ to 122℉ (0℃ to 50℃)
Humidity	5% to 95%, non-condensation
Dimensions (W*H*D, mm)	440*135*410/PACK
Weight	45kg/90kg/135kg/180kg
Enclosure protection rating	IP20
Altitude	<4000m
Cooling	Natural convection
Warranty	10 years [3]
Certifications	IEC62619/CE/UN38.3

1.Test conditions: 100% DOD, 0.2C charge & discharge at 25℃.
2.The current is affected by temperature and SOC.
3.For warranty instructions, please refer to the warranty terms.