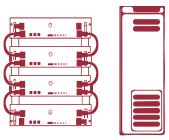
Tesla Solar SA

SUNWODA ENERGY



Atrix series

Sunwoda Atrix series adopts a flexible modular design, which can be expanded from 5 kWh of a single module to 40 kWh of 8 battery modules.

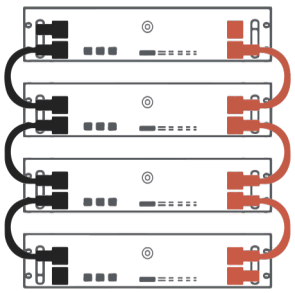
	Conventional	Atrix series
Flexible application Lead acid replacement Suitable for rack or cabinet using		
Easy to install Plug and play Compact and Light 1～2 persons installation		
Excellent low temp. performance (Optional) Operate at -10℃ without any limitation and attenuation		
Battery APP (Optional) Real time monitoring Remote maintenance and upgrades		

Electrical characteristics

Model	Atrix-5	Atrix-10	Atrix-15	Atrix-20
Nominal energy	5kWh	10kWh	15kWh	20kWh
Usable energy	4.5kWh	9kWh	13.5kWh	18kWh
Rated voltage	51.2V	51.2V	51.2V	51.2V
Charge/discharge cut off voltage	46.4V~55.2V	46.4V~55.2V	46.4V~55.2V	46.4V~55.2V
Roundtrip efficiency	>95%	>95%	>95%	>95%
Rated charge/discharge current	50A/50A	100A/100A	150A/150A	200A/200A
Max. charge/discharge current	50A/100A	100A/200A	150A/200A	200A/200A
Max. discharge power	4.64kW	9.28kW	9.28kW	9.28kW
Communication interface	CAN 2.0 / RS485			
Connection method	Quick plug and unplug terminals			
State indicator	Indicating SOC and error status			
Protection features	Charging overvoltage protection, discharge under-voltage protection, over current protection, over temperature protection ,Short circuit protection, etc.			
Scalability	Max. 8 in parallel, Max. 40kWh			

Operating conditions

Installation location	Indoor
Operating temperature	14°F to 122°F (-10°C to 50°C)
Operating temperature (Recommended)	59°F to 86°F (15°C to 30°C)
Storage temperature	-22°F to 140°F (-30°C to 60°C)
Humidity	10% to 90%,non condensation
Size(W*H*D, mm)	482*135*433/PACK
Weight	45kg/90kg/140kg/185kg
Enclosure rating	IP20
Altitude	<2000m
Cooling	Natural convection
Warranty	5 years/10 years



Certificates

Safety	UL1973/IEC62619
Transport	UN38.3