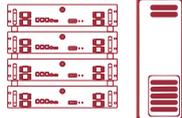# Atrix basic

Sunwoda Atrix basic adopts a flexible modular design, which can be expanded from 5 kWh of a single module to 120 kWh of 24 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 (90% DOD)	4.5kWh	9kWh	13.5kWh	18kWh
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 temperature	32℉ to 122℉ (0℃ to 50℃)			
Dimensions (W*H*D, mm)	482*135*433/PACK			
Weight	45kg/90kg/135kg/180kg			
Enclosure protection rating	IP20			
Warranty	10 years			
Certifications	IEC62619/CE/UN38.3			