



Atrix SE

LV 5 - 120 kWh, IP20



6000 Life Cycles
Long lasting performance
with 100% DOD capability



Built-in Heater
Operates below -10°C without
any limitation or attenuation



1C Charge and Discharge
2nd-generation cells designed
for maximum performance



Flexible application
Optimized for rack and
build-in cabinet installation



Excellent performance
100% DOD Wider Tempera-
ture Range - 20°C ~ 50°C
Defies the Harsh Cold



Specifications	Model	Atrix-5
	Nominal Energy	5kWh
	Usable Energy (100% DOD)	5kWh
	Rated Voltage	51.2V
	Charge/Discharge Cut Off Voltage	44.8V~55.2V
	Roundtrip Efficiency	>98%
	Rated Charge/Discharge Current	50A/80A
	Max. Cont. Charge/Discharge Current	100A/100A
	Peak Discharge Current ²	200A @ 15s
	Communication Interface	CAN 2.0/RS485
	Scalability	Max. 360 in Parallel, Max. 1.8 MWh
	1 Life Cycles	6000 Cycles*
	2 Rated charge/Discharge	0.5C/0.8C
	3 Max. Cont. Charge/Discharge	1C/1C
	4 DOD	100%
	5 Installation	Wall Mount/Rack Mount
	6 Warranty	6+1 years*
	7 Battery type	LiFePO4
	8 Anti Expansion Design	✓
	9 Built-in Heater	✓
	10 Quick Plug and Unplug DC Terminal	✓
	11 Communication Cables and DC Wires	✓
	12 Compatible Inverters (Please refer to the list)	✓
	13 With built-in Flexible Battery Rack	✓

Operation Conditions

Installation Location	Indoor
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Humidity	10% to 95% (Non-condensation)
Dimensions	440*135*410/Pack (W*D*H, mm)
Weight	45kg
Enclosure Protection Rating	IP20
Altitude	<2000m
Cooling	Natural Convection
Certificates	IEC62619/CE/UN38.3

Terms and conditions apply

*6000 cycles @ 90% DOD, 60% EOL

*Warranty 6+1 years (+1 year battery is extended upon connection to the internet)

