

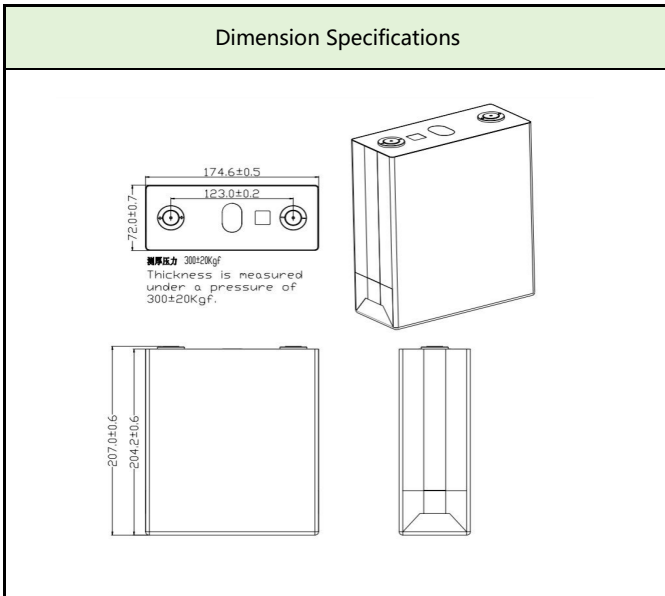
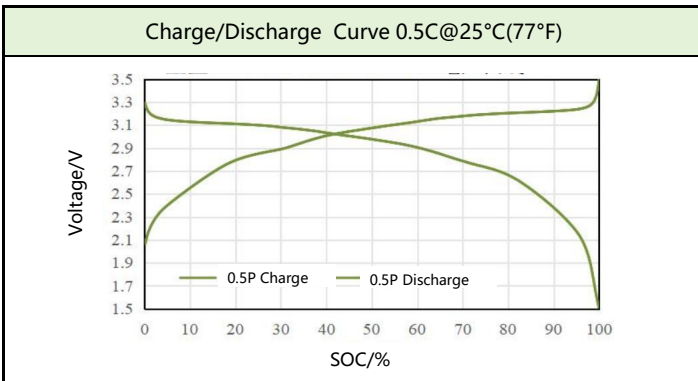
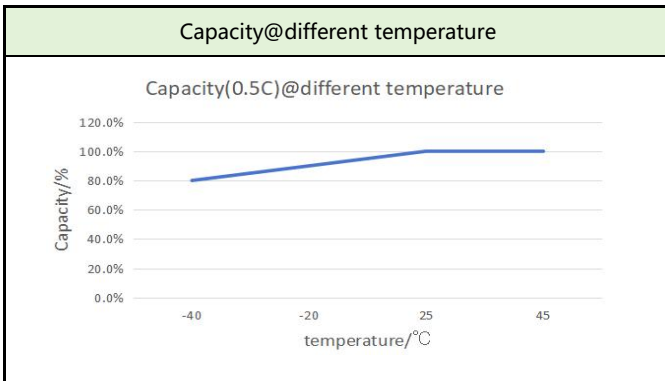


SODIUM-ION PRISMATIC CELL

MODEL: SIB 72173207-NFPP 170Ah

Technical Specifications		
Item	Unit	Specification
Nominal Voltage	V	2.85
Rated Capacity ((25°C))	Ah	170.0
Rated Energy	Wh	484.5
STD. Continuous Charging Current	A	0.5P
MAX. Continuous Charging Current	A	1P
STD. Continuous Discharging Current	A	0.5P
MAX. Continuous Discharging Current	A	1P
Charging Cut-off Voltage	V	3.5
Discharge Cut-off Voltage	V	1.5
MAX. Short Pulse Discharge Current(25±2°C)	A	1500 (0~30s)

Technical Specifications(continue)		
Item	Unit	Specification
Dimensions(W*L*H±0.6)	mm	72.0*174.6*207.0
Approx. Weight	kg	4.75±0.2
AC resistance (1kHz)	mΩ	≤0.3
Discharge temperatur	°C	-40~60
Charge temperature	°C	0~55
Storage temperature	°C	0~45
Storage 28 days@RT	—	Retention capacity≥95%, Recovery capacity≥97%
Cycle life(0.5P charge /0.5P discharge@RT)	cycles	> 6,000
Monthly self-discharge rate	%	≤2
Certificate	—	UN38.3



Product Safety		
Item	Specification	Remarks
Over Discharge	No fire, No explosion	Reference to GB/T44265-2024
Overcharge	No fire, No explosion	Reference to GB/T44265-2024
External short circuit	No fire, No explosion	Reference to GB/T44265-2024
Crush	No fire, No explosion	Reference to GB/T44265-2024
Drop Test	No fire, No explosion	Reference to GB/T44265-2024
Thermal runaway test	No fire, No explosion	Reference to GB/T44265-2024

NINGBO V.K. INDUSTRYAND TRADING CO.,Ltd.

Address: 18th Floor, Yuehu Jinmao Tower, No.225, Liu Ting Street, Haishu District, Ningbo, China

Website: <https://power.vekenindustry.com>