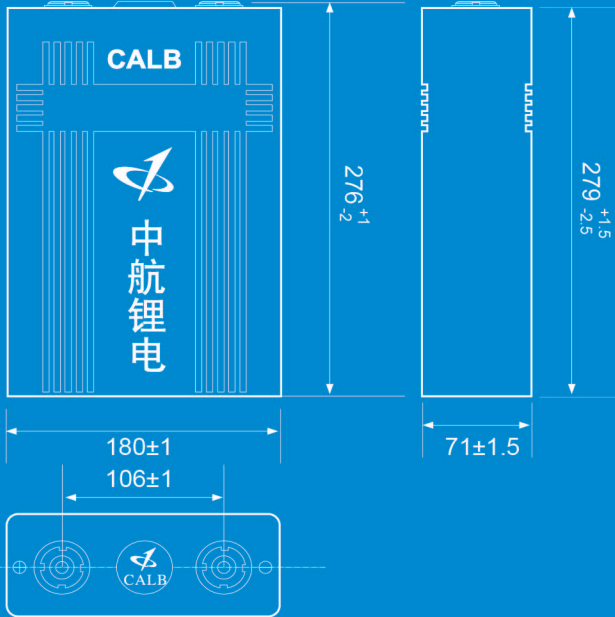


CA180 Cell Specification

Dimensions:mm



Features

- Qualified for UN38.3/MSDS、RoHS、CE、TUV、UL with high safety
- More than 2000 cycles under the designed working condition
- Integral safety valve is used to enhance safety
- Ceramic membrane technology applied to enhance safety
- Battery shell material is flame retardant
- Widely applied in EV & large-scale energy storage

Specification

Nominal Capacity @ 0.3C	180Ah
Nominal Voltage	3.2 V
Internal Impedance @ 1 kHz AC	$\leq 0.6\text{m}\Omega$
Weight	5.7kg
Life Cycle @ 0.3C, 80% DOD	2,000

Operating Conditions

Maximum Charging Current	180A
Maximum Constant Discharging Current	360A
Charging Cut-off Voltage	3.65 V
Discharging Cut-off Voltage	2.5 V
SOC Usage Window	10% ~ 90%
Charging Temperature	0°C ~ 45°C
Discharging Temperature	-20°C ~ 55°C
Storage Temperature within 1 month	-20°C ~ 45°C
Storage Temperature within 1 year	-20°C ~ 20°C

Discharge Curve:

