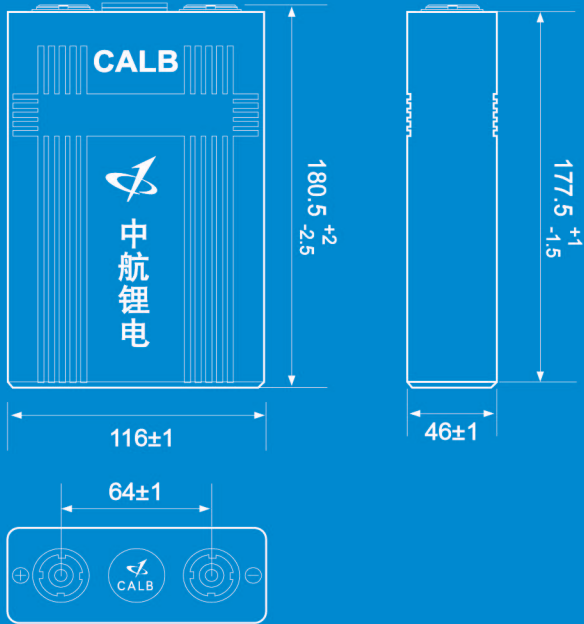


## Dimensions:mm



## 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
- Ideal for power-supply of mobile application, telecom and back-up

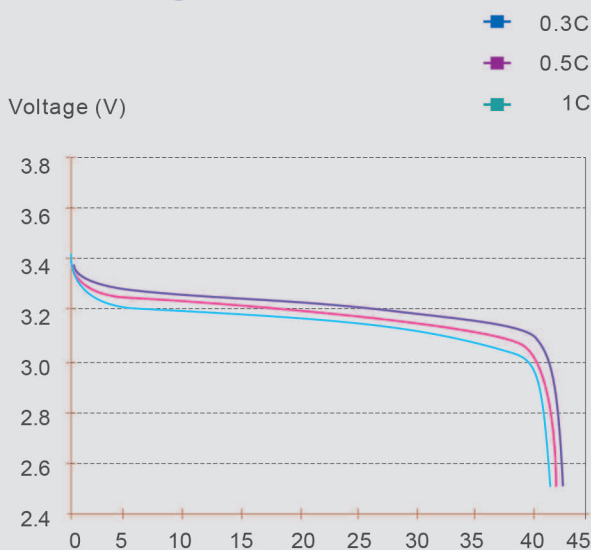
## Specification

Nominal Capacity @ 0.3C	40 Ah
Nominal Voltage	3.2 V
Internal Impedance @ 1 kHz AC	≤ 1 mΩ
Weight	1.5 kg
Life Cycle @ 0.3C, 80% DOD	2,000

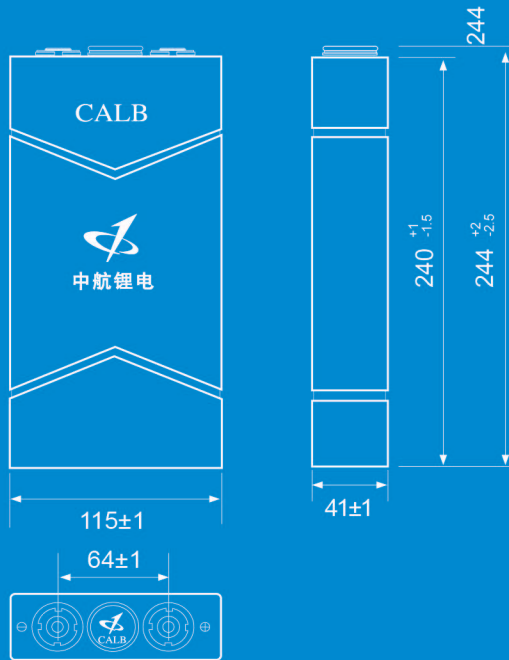
## Operating Conditions

Maximum Charging Current	40 A
Maximum Constant Discharging Current	80A
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:



## 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

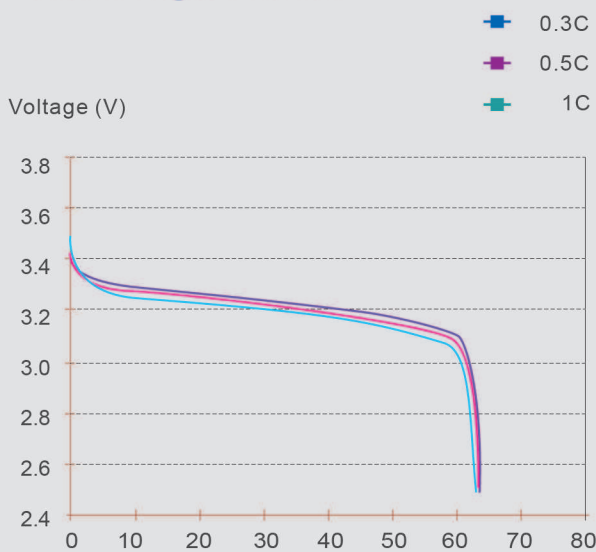
## Specification

Nominal Capacity @ 0.3C	60 Ah
Nominal Voltage	3.2 V
Internal Impedance @ 1 kHz AC	$\leq 1 \text{ m}\Omega$
Weight	2.0kg
Life Cycle @ 0.3C, 80% DOD	2,000

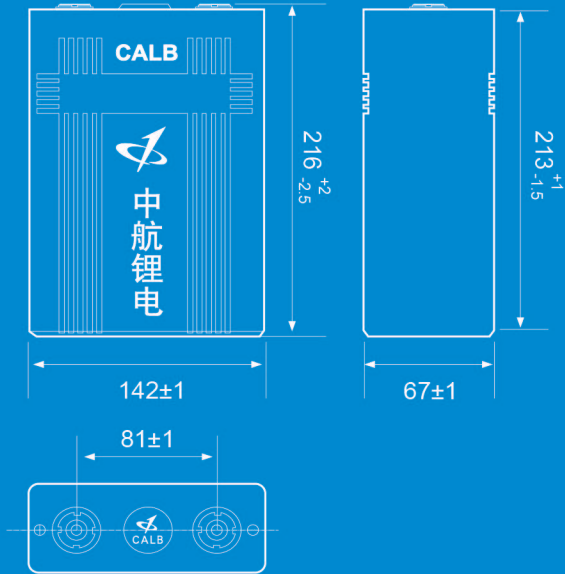
## Operating Conditions

Maximum Charging Current	60A
Maximum Constant Discharging Current	120A
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:



## 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
- Ideal for small EV & golf-cars

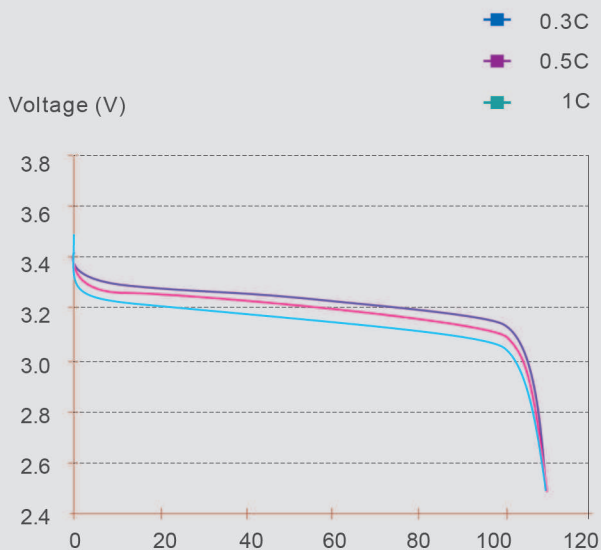
## Specification

Nominal Capacity @ 0.3C	100Ah
Nominal Voltage	3.2 V
Internal Impedance @ 1 kHz AC	≤ 0.9mΩ
Weight	3.4kg
Life Cycle @ 0.3C, 80% DOD	2,000

## Operating Conditions

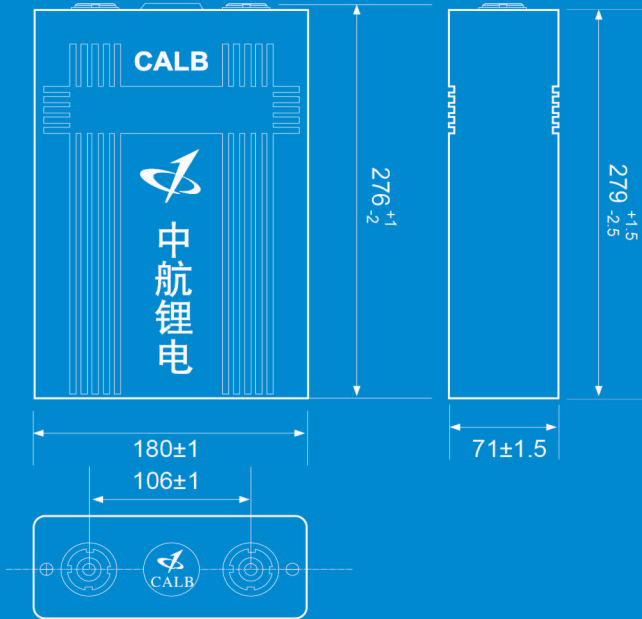
Maximum Charging Current	100A
Maximum Constant Discharging Current	200A
Charging Cut-off Voltage	3.65 V
Discharging Cut-off Voltage	2.5 V
SOC Usage Window	10% ~ 90%
Charging Temperature	0℃ ~ 45℃
Discharging Temperature	-20℃ ~ 55℃
Storage Temperature within 1 month	-20℃ ~ 45℃
Storage Temperature within 1 year	-20℃ ~ 20℃

## Discharge Curve:

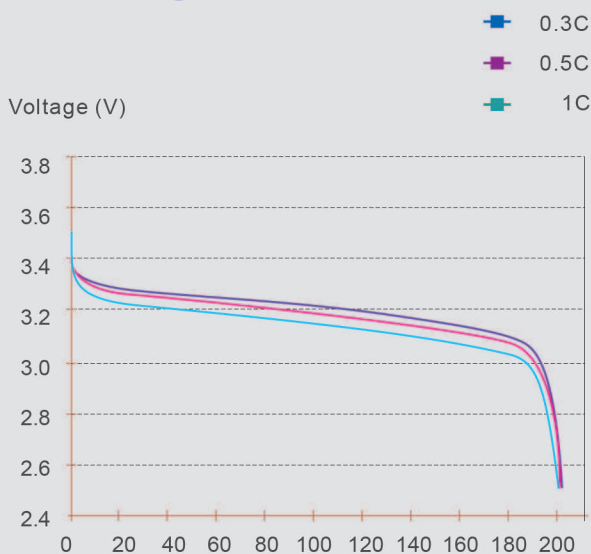


# CA180 Cell Specification

## Dimensions:mm



## Discharge Curve:



## 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

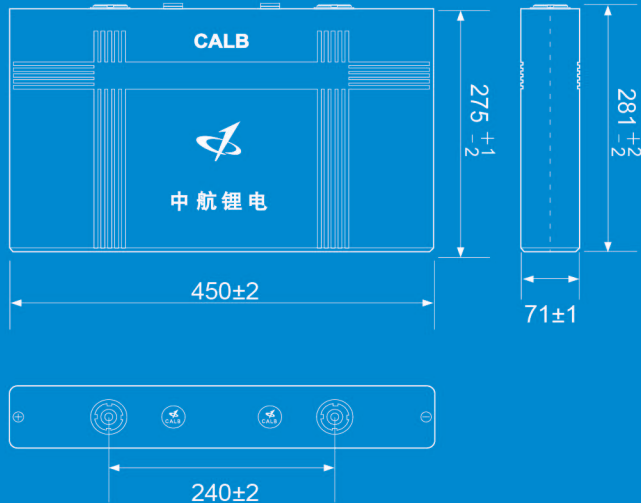
Nominal Capacity @ 0.3C	180Ah
Nominal Voltage	3.2 V
Internal Impedance @ 1 kHz AC	$\leq 0.6\text{m}\Omega$
Weight	5.7kg
Life Cycle @ 0.3C, 80% DOD	2,000

## 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℃ ~ 45℃
Discharging Temperature	-20℃ ~ 55℃
Storage Temperature within 1 month	-20℃ ~ 45℃
Storage Temperature within 1 year	-20℃ ~ 20℃

# CA400 Cell Specification

## Dimensions:mm



## Features

- UN38.3, MSDS, RoHS, CE certification
- Long Cycle Life
- Using ceramic membrane for better safety
- Flame-resistant shell
- Suitable for large-scale back-up power
- High Energy Density
- Overcharge/OverDischarge, Short Circuit, Nail Penetration, Cushing and Drop Test.

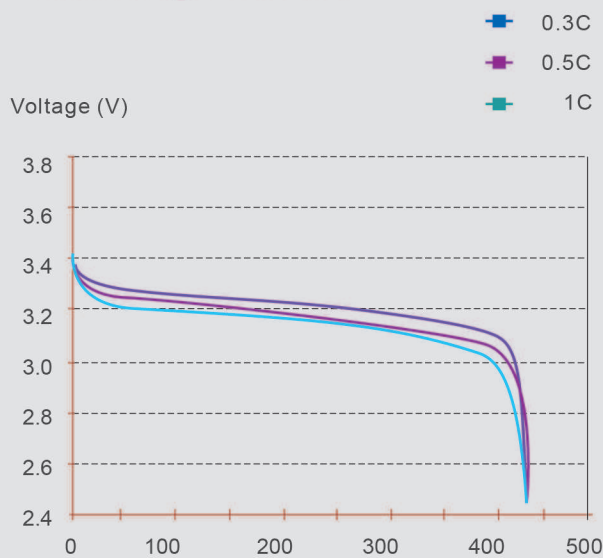
## Specification

Nominal Capacity @ 0.3C	400 Ah
Nominal Voltage	3.2 V
Internal Impedance @ 1 kHz AC	≤ 0.4 mΩ
Weight	13.6 kg
Life Cycle @ 0.3C, 80% DOD	2,000

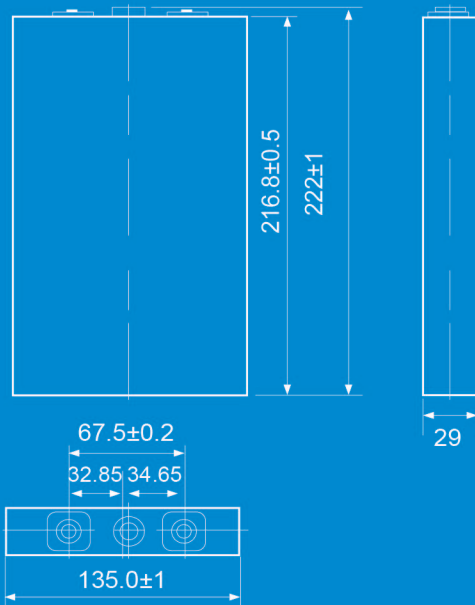
## Operating Conditions

Maximum Charging Current	400 A
Maximum Constant Discharging Current	800 A
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:



## Dimensions:mm



## Features

- Qualified for RoHS & CCC with high safety
- More than 3000 cycles under the designed working condition
- Anti-explosion safety valve applied
- Aluminum shell for better cooling
- Ceramic membrane technology applied to enhance safety
- High energy density----121WH/KG
- High charge/discharge rates

## Specification

Nominal Capacity @ 0.3C	72 Ah
Nominal Voltage	3.2 V
Internal Impedance @ 1 kHz AC	≤ 0.6 mΩ
Weight	1.9 kg
Life Cycle @ 0.3C, 80% DOD	2,000

## Operating Conditions

Maximum Charging Current	72 A
Maximum Constant Discharging Current	216A
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:

