

⚡ Specifications

Nominal Voltage(V)

2V

Nominal Capacity at 20°C(68°F)

| | | |
|--------------|-----------------|--------|
| 10 hour rate | (115A to 1.80V) | 1150Ah |
| 5 hour rate | (204A to 1.77V) | 1020Ah |
| 3 hour rate | (300A to 1.75V) | 900Ah |
| 1 hour rate | (630A to 1.67V) | 630Ah |

Weight

≥ 82kg(180.4Lbs.)

Internal Resistance (at 1KHz)

≤ 0.28 mΩ

Maximum Discharge Current for

5 seconds: 6900A

Maximum Short circuit current (IEC 60896)

7000A

Charging Methods at 20°C(68°F)

| | |
|----------------------------|----------------|
| Cycle use: | |
| Charging Voltage | 2.33 to 2.40V |
| Coefficient | -5.0mV/°C/cell |
| Maximum Charging Current : | 345A |
| Standby use: | |
| Float Charging Voltage | 2.23 to 2.30V |
| Coefficient | -3.0mV/°C/cell |

Capacity affected by Temperature (10hr)

| | | | |
|-----------|-------------|----|-------------|
| Charge | -10°C(14°F) | to | 45°C(113°F) |
| Discharge | -10°C(14°F) | to | 45°C(113°F) |
| Storage | -10°C(14°F) | to | 45°C(113°F) |

Charge Retention (shelf life) at 25°C(77°F)

| | |
|---------|-----|
| 1 month | 98% |
| 3 month | 94% |
| 6 month | 85% |

Case Material

ABS UL94 HB

Option: Flammability resistance of (UL94 V-0)

Design Life

20 Years at 20°C

Certifications

ISO 9001
ISO 14001
ISO 45001

Standards

DIN 40742 –specification OPzV cells
IEC 60896 Parte 21 – VRLA testing methods
IEC 60896 Parte 22 – VRLA requirements
Eurobat Guide “Very Long Life” > 12 years
CE,UL recognized



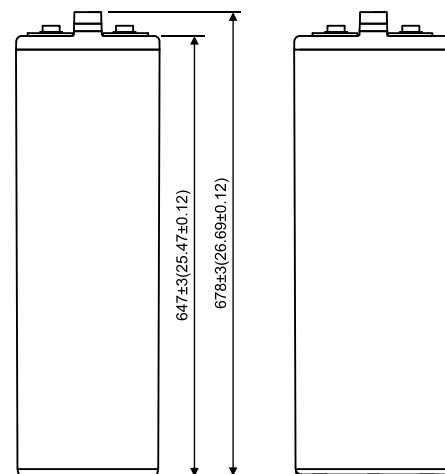
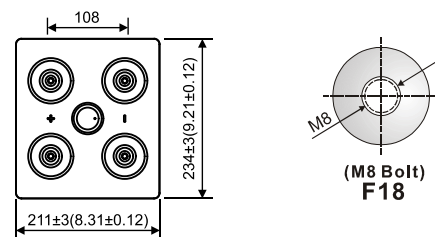
⚡ Dimensions

| | |
|---------------------|--------------------|
| Length (L) | 234±3 (9.21±0.12) |
| Width (W) | 211±3 (8.31±0.12) |
| Height (H) | 647±3 (25.47±0.12) |
| Overall Height (HT) | 678±3 (29.69±0.12) |
| Terminal | F18 |

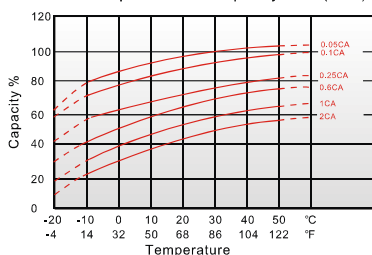
Description of torque value of hard ware for the terminals:

| | |
|--------------------------------|-----------------------|
| Recommended torque value | M8:12 N-m (122kgf-cm) |
| Maximum allowable torque value | M8:20 N-m (204kgf-cm) |

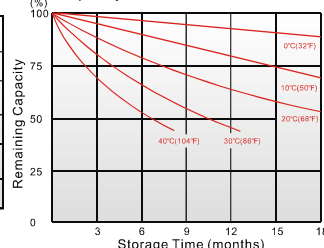
mm(inch)



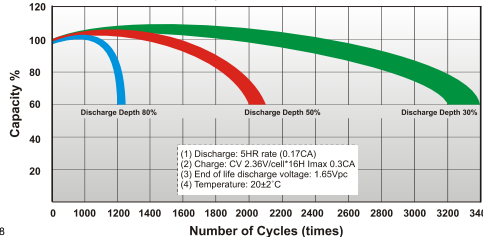
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life

