

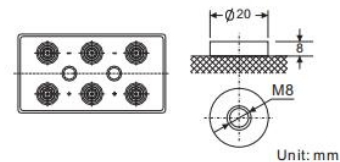
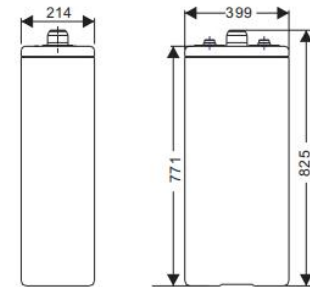
Main Advantages

- ▶ Adopt tubular positive plate
- ▶ Longest lifespan under deep discharge
- ▶ Strong temperature resistance performance
- ▶ Better charge reception capability
- ▶ 20 years design life



Specification	
Rated Voltage	2V
Nominal Capacity(C10,1.80V/cell)	2000Ah (200A to 1.80V @25°C)
Terminal	M8 Φ=20
Approx. Weight	Approx. 145Kg (dry cell: 104Kg)
Container Material	SAN transparent container
Max. Discharge Current	12800A (5 sec)
Internal resistance(25°C)	Approx 0.14 mΩ (fully charged)
Operating temperature range	Discharge: -20°C~55°C Charge : -10°C~45°C Storage : -15°C~45°C
Self discharge	≤3%/month @ 25°C
Design life	20 years (floating design)
Cycle use	
Charging current	≤500A
Voltage	2.35-2.40V/cell
Temperature compensation	-5mV/ °C
Standby use	
Charging current	No limit
Voltage	2.23V/cell
Temperature compensation	-3mV/ °C

Dimension:399(L)×214(W) ×771(H)×825(TH) Unit: mm



Unit: mm

Rated Capacity(25°C)	
120 Hour Rate (22.29A to 1.85V)	2675Ah
20 Hour Rate (110.6A to 1.8V)	2212Ah
10 Hour Rate (200.6A to 1.8V)	2006Ah
5 Hour Rate (342.0A to 1.75V)	1710Ah
1 Hour Rate (1154A to 1.60V)	1154Ah

Constant Current Discharge Characteristics: A (25°C)

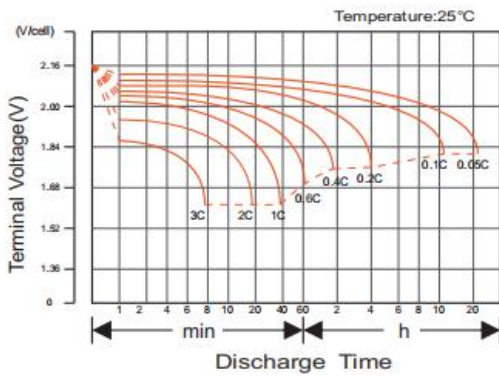
F.V /Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	1685	1154	719	518	413	356	315	255.0	212.2	94.40	52.20
1.65V	1629	1127	705	511	409	352	311	253.2	211.0	94.40	51.80
1.70V	1561	1094	688	503	404	347	306	250.2	210.0	93.40	51.40
1.75V	1503	1061	670	491	396	342	300	245.6	207.0	91.80	50.80
1.80V	1375	1010	645	481	388	334	292	239.4	200.6	89.60	49.80
1.85V	1220	938	610	466	376	323	282	232.6	198.0	86.80	47.40
1.95V	987	750	532	415	350	301	261	211.0	178.0	79.60	44.40

Constant Power Discharge Characteristics: W (25°C)

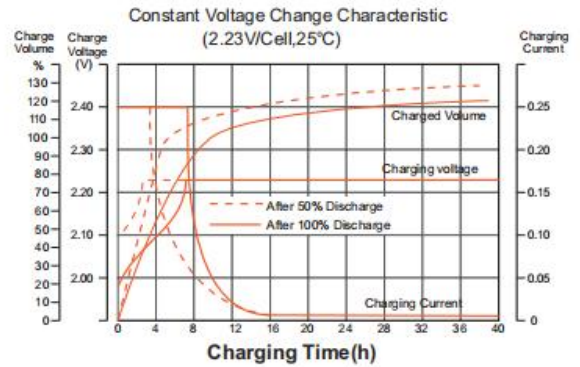
F.V/Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	3072	2126	1328	960	766	660	584	474.2	394.4	176.20	99.00
1.65V	2998	2080	1300	946	758	654	576	470.6	392.8	175.80	98.60
1.70V	2880	2020	1272	934	750	644	568	464.4	390.6	173.80	97.80
1.75V	2780	1972	1246	914	738	636	560	458.2	387.0	172.40	97.40
1.80V	2566	1902	1216	908	734	632	554	454.6	378.4	170.20	96.40
1.85V	2320	1780	1164	890	720	620	542	446.4	380.2	168.20	93.60
1.95V	1946	1480	1052	822	694	596	518	418.8	354.6	160.60	91.00

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

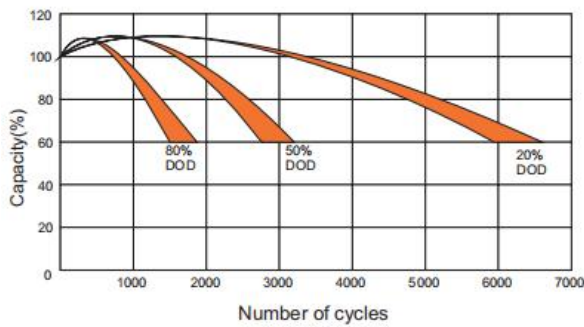
Discharge Characteristics Curve



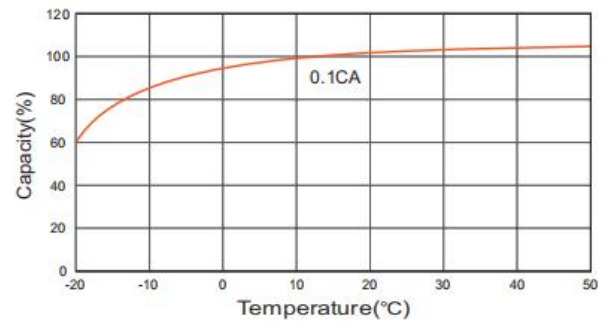
Charging Characteristics Curve



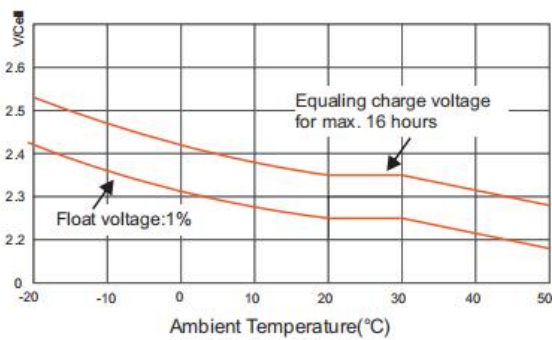
Cycle life of Different DOD



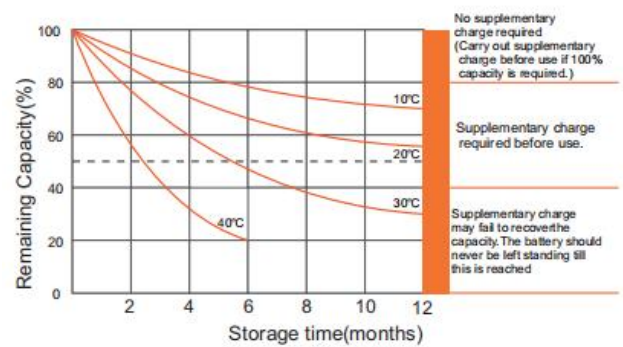
Temperature effects on capacity



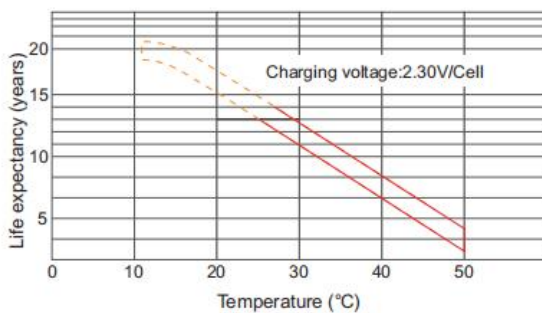
Charging voltage and temperature relationship



Self discharge Characteristics



Temperature effects on floating life



Life characteristics of standby use

