

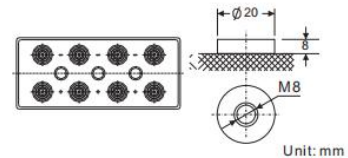
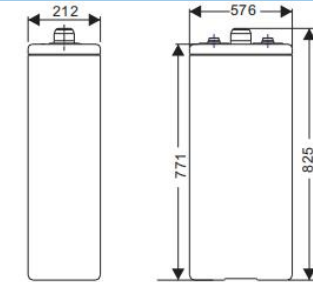
Main Advantages

- ▶ 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)	3000Ah (300A to 1.80V @25°C)
Terminal	M8 Φ=20
Approx. Weight	Approx. 220Kg (dry cell: 152Kg)
Container Material	SAN transparent container
Max. Discharge Current	19200A (5 sec)
Internal resistance(25°C)	Approx 0.10 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	≤450A
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:576(L)×212(W) ×771(H)×825(TH) Unit: mm



Rated Capacity(25°C)	
120 Hour Rate (33.4A to 1.85V)	4008Ah
20 Hour Rate (165.9A to 1.8V)	3318Ah
10 Hour Rate (300.9A to 1.8V)	3009Ah
5 Hour Rate (513A to 1.75V)	2565Ah
1 Hour Rate (1731A to 1.60V)	1731Ah

Constant Current Discharge Characteristics: A (25°C)

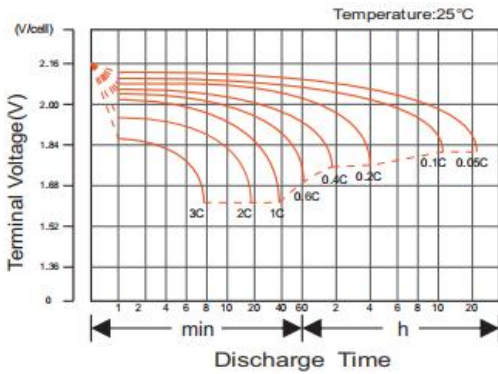
F.V/Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	2528	1731	1079	778	620	534	472	382.5	318.3	141.60	78.30
1.65V	2444	1690	1058	766	614	529	466	379.8	316.5	141.60	77.70
1.70V	2342	1640	1032	754	605	521	459	375.3	315.0	140.10	77.10
1.75V	2254	1591	1006	737	593	513	450	368.4	310.5	137.70	76.20
1.80V	2062	1516	968	722	582	501	439	359.1	300.9	134.40	74.70
1.85V	1830	1408	915	698	564	485	424	348.9	297.0	130.20	71.10
1.95V	1481	1126	798	623	526	451	391	316.5	267.0	119.40	66.60

Constant Power Discharge Characteristics: W (25°C)

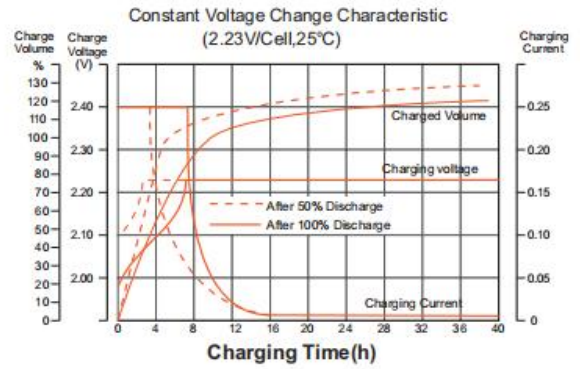
F.V/Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	4608	3189	1992	1440	1149	990	876	711.3	591.6	264.30	148.50
1.65V	4497	3120	1950	1419	1137	981	864	705.9	589.2	263.70	147.90
1.70V	4320	3030	1908	1401	1125	966	852	696.6	585.9	260.70	146.70
1.75V	4170	2958	1869	1371	1107	954	840	687.3	580.5	258.60	146.10
1.80V	3849	2853	1824	1362	1101	948	831	681.9	567.6	255.30	144.60
1.85V	3480	2670	1746	1335	1080	930	813	669.6	570.3	252.30	140.40
1.95V	2919	2220	1578	1233	1041	894	777	628.2	531.9	240.90	136.50

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.

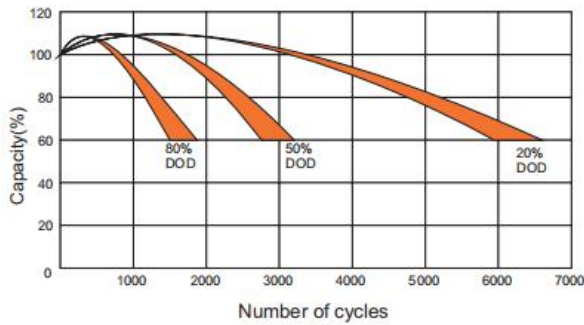
Discharge Characteristics Curve



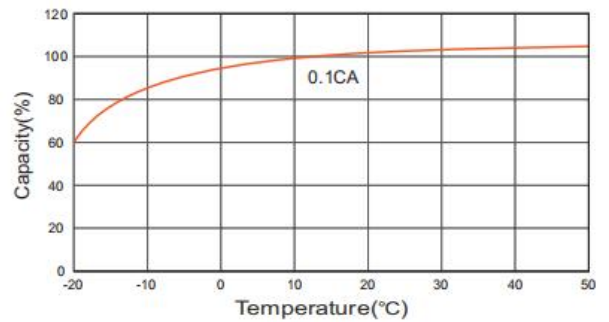
Charging Characteristics Curve



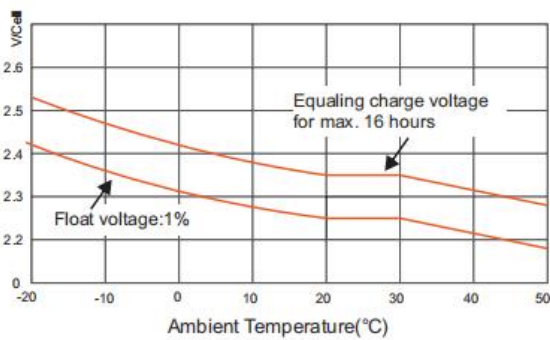
Cycle life of Different DOD



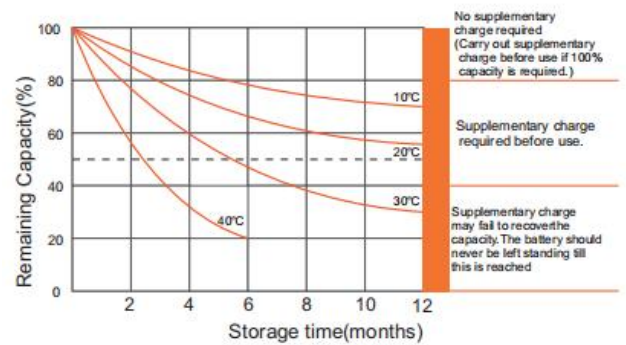
Temperature effects on capacity



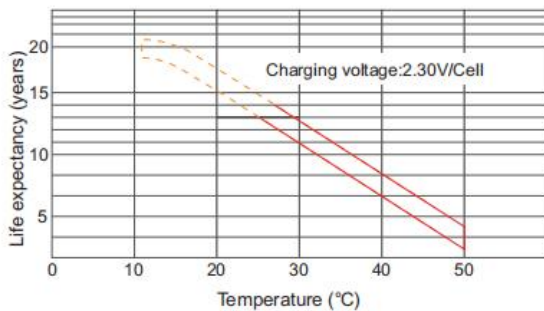
Charging voltage and temperature relationship



Self discharge Characteristics



Temperature effects on floating life



Life characteristics of standby use

