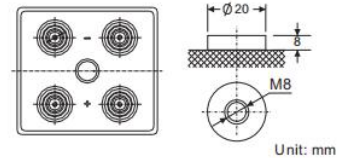
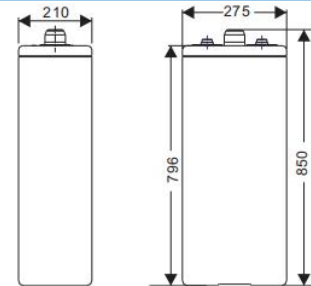


### Main Advantages

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



**Dimension: 275(L) × 210(W) × 796(H) × 850(TH) Unit: mm**



Unit: mm

Specification	
Rated Voltage	2V
Nominal Capacity(C10, 1.80V/cell)	1500Ah (150A to 1.80V @25°C)
Terminal	M8 Φ=20
Approx. Weight	Approx. 107Kg (dry cell: 77Kg)
Container Material	SAN transparent container
Max. Discharge Current	9600A ( 5 sec)
Internal resistance(25°C)	Approx 0.20 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	≤375A
Voltage	2.35-2.40V/cell
Temperature compensation	-5mV/ °C
Standby use	
Charging current	No limit
Voltage	2.23V/cell
Temperature compensation	-3mV/ °C

Rated Capacity(25°C)	
120 Hour Rate (17.75A to 1.85V)	2130Ah
20 Hour Rate (93.08A to 1.8V)	1861.6Ah
10 Hour Rate (158.4A to 1.8V)	1584.0Ah
5 Hour Rate (270.6A to 1.75V)	1353.0Ah
1 Hour Rate (908.8A to 1.60V)	908.8Ah

### Constant Current Discharge Characteristics: A (25°C)

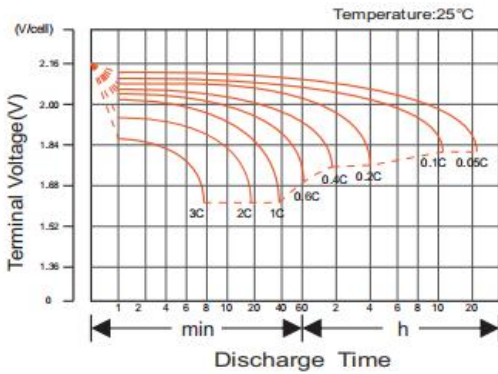
F.V /Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	1264	865	539	389	310	267	236	191.3	159.2	70.80	39.15
1.65V	1222	845	529	383	307	264	233	189.9	158.3	70.80	38.85
1.70V	1171	820	516	377	303	261	230	187.7	157.5	70.05	38.55
1.75V	1127	796	503	368	297	256	225	184.2	155.3	68.85	38.10
1.80V	1031	758	484	361	291	250	219	179.6	150.5	67.20	37.35
1.85V	915	704	458	349	282	242	212	174.5	148.5	65.10	35.55
1.95V	740	563	399	311	263	226	196	158.3	133.5	59.70	33.30

### Constant Power Discharge Characteristics: W (25°C)

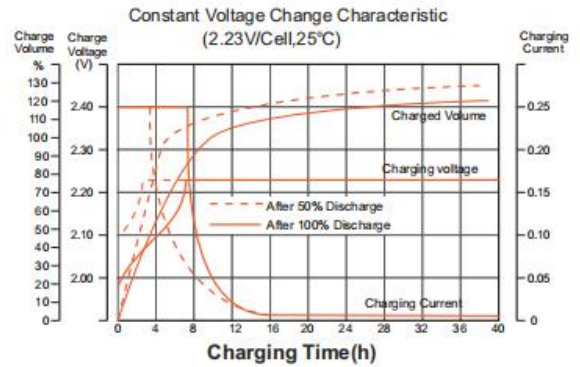
F.V/Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	2304	1595	996	720	575	495	438	355.7	295.8	132.15	74.25
1.65V	2249	1560	975	710	569	491	432	353.0	294.6	131.85	73.95
1.70V	2160	1515	954	701	563	483	426	348.3	293.0	130.35	73.35
1.75V	2085	1479	935	686	554	477	420	343.7	290.3	129.30	73.05
1.80V	1925	1427	912	681	551	474	416	341.0	283.8	127.65	72.30
1.85V	1740	1335	873	668	540	465	407	334.8	285.2	126.15	70.20
1.95V	1460	1110	789	617	521	447	389	314.1	266.0	120.45	68.25

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.

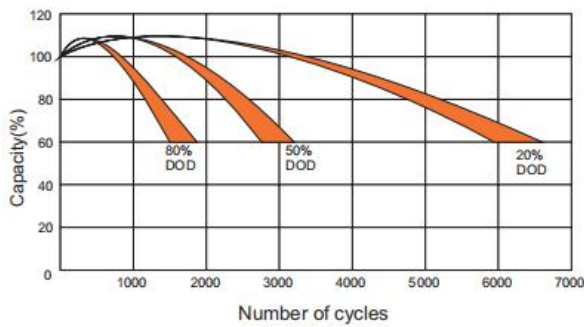
### Discharge Characteristics Curve



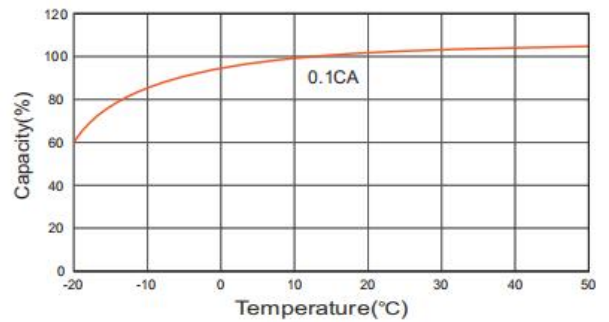
### Charging Characteristics Curve



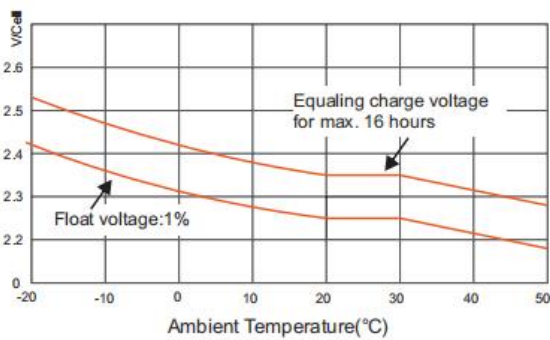
### Cycle life of Different DOD



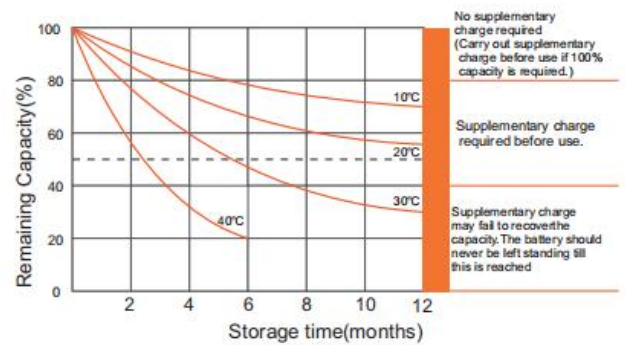
### Temperature effects on capacity



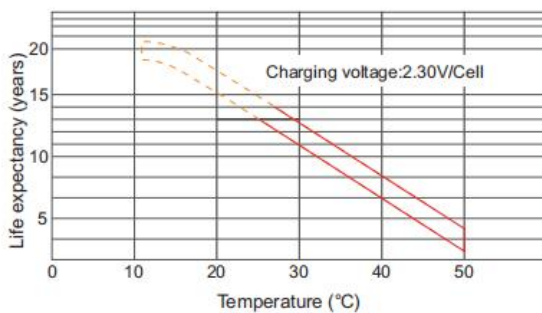
### Charging voltage and temperature relationship



### Self discharge Characteristics



### Temperature effects on floating life



### Life characteristics of standby use

