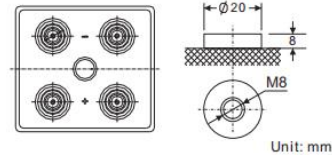
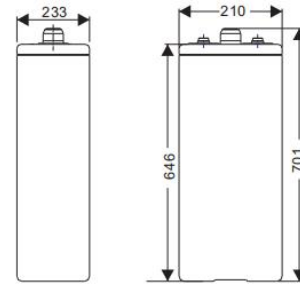


Main Advantages

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



Dimension: 233(L) × 210(W) × 646(H) × 701(TH) Unit: mm



Unit: mm

Specification	
Rated Voltage	2V
Nominal Capacity(C10,1.80V/cell)	1000Ah (100A to 1.80V @25°C)
Terminal	M8 Φ=20
Approx. Weight	Approx. 73Kg (dry cell: 53Kg)
Container Material	SAN transparent container
Max. Discharge Current	8300A (5 sec)
Internal resistance(25°C)	Approx 0.25 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	≤200A
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 (11.83A to 1.85V)	1419.6Ah
20 Hour Rate (62.06A to 1.8V)	1241.2Ah
10 Hour Rate (105.6A to 1.8V)	1056.0Ah
5 Hour Rate (180.4A to 1.75V)	902.0Ah
1 Hour Rate (605.9A to 1.60V)	605.9Ah

Constant Current Discharge Characteristics: A (25°C)

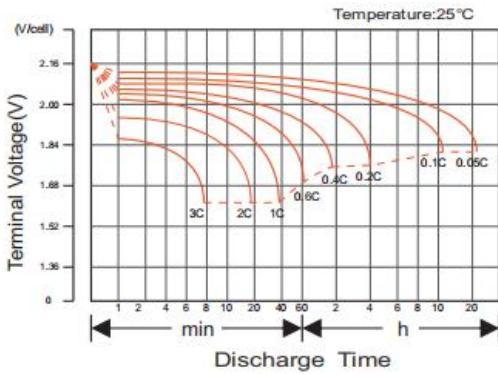
F.V/Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	843	577	360	259	207	178	157	127.5	106.1	47.20	26.10
1.65V	815	563	353	255	205	176	155	126.6	105.5	47.20	25.90
1.70V	781	547	344	251	202	174	153	125.1	105.0	46.70	25.70
1.75V	751	530	335	246	198	171	150	122.8	103.5	45.90	25.40
1.80V	687	505	323	241	194	167	146	119.7	100.3	44.80	24.90
1.85V	610	469	305	233	188	162	141	116.3	99.0	43.40	23.70
1.95V	494	375	266	208	175	150	130	105.5	89.0	39.80	22.20

Constant Power Discharge Characteristics: W (25°C)

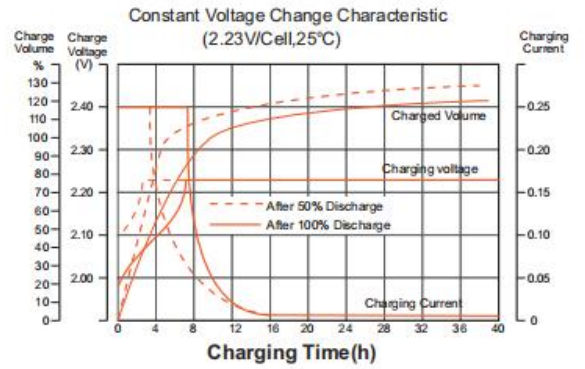
F.V/Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	1536	1063	664	480	383	330	292	237.1	197.2	88.10	49.50
1.65V	1499	1040	650	473	379	327	288	235.3	196.4	87.90	49.30
1.70V	1440	1010	636	467	375	322	284	232.2	195.3	86.90	48.90
1.75V	1390	986	623	457	369	318	280	229.1	193.5	86.20	48.70
1.80V	1283	951	608	454	367	316	277	227.3	189.2	85.10	48.20
1.85V	1160	890	582	445	360	310	271	223.2	190.1	84.10	46.80
1.95V	973	740	526	411	347	298	259	209.4	177.3	80.30	45.50

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.

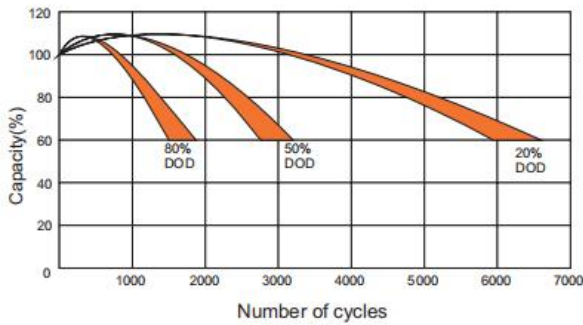
Discharge Characteristics Curve



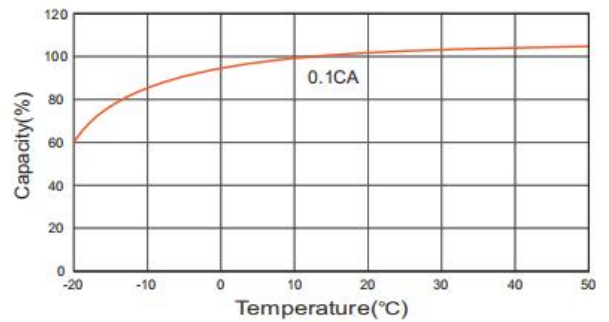
Charging Characteristics Curve



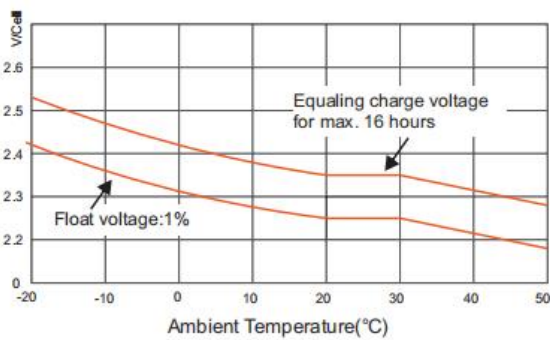
Cycle life of Different DOD



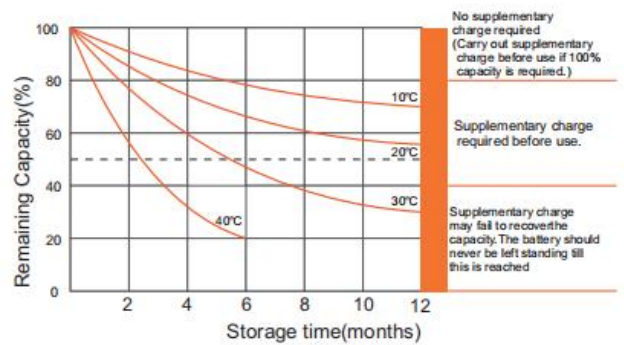
Temperature effects on capacity



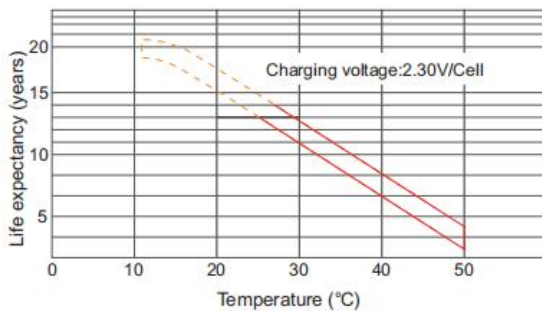
Charging voltage and temperature relationship



Self discharge Characteristics



Temperature effects on floating life



Life characteristics of standby use

