

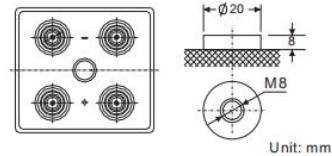
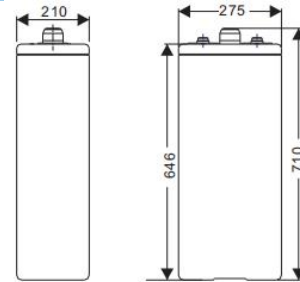
### Main Advantages

- ▶ 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)	1200Ah (100A to 1.80V @25°C)
Terminal	M8 Φ=20
Approx. Weight	Approx. 92Kg (dry cell: 64Kg)
Container Material	SAN transparent container
Max. Discharge Current	9950A ( 5 sec)
Internal resistance(25°C)	Approx 0.21 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	≤300A
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:275(L)×210(W) ×646(H)×701(TH) Unit: mm



Unit: mm

Rated Capacity(25°C)	
120 Hour Rate (14.2A to 1.85V)	1704.0Ah
20 Hour Rate (74.47A to 1.8V)	1489.4Ah
10 Hour Rate (126.8A to 1.8V)	1268.0Ah
5 Hour Rate (216.5A to 1.75V)	1082.5Ah
1 Hour Rate (727.0A to 1.60V)	727.0Ah

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

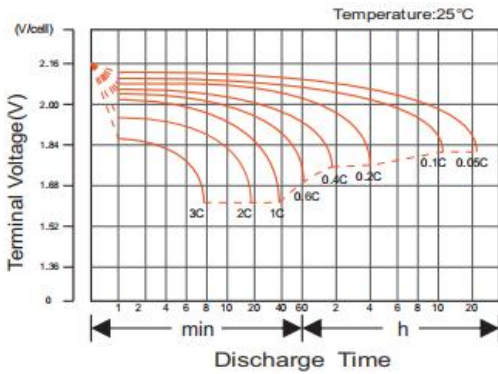
F.V./Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	1011	692	431	311	248	214	189	153.0	127.3	56.64	31.32
1.65V	977	676	423	306	246	211	186	151.9	126.6	56.64	31.08
1.70V	937	656	413	302	242	208	184	150.1	126.0	56.04	30.84
1.75V	902	636	402	295	237	205	180	147.4	124.2	55.08	30.48
1.80V	825	606	387	289	233	200	175	143.6	120.4	53.76	29.88
1.85V	732	563	366	279	226	194	169	139.6	118.8	52.08	28.44
1.95V	592	450	319	249	210	180	156	126.6	106.8	47.76	26.64

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

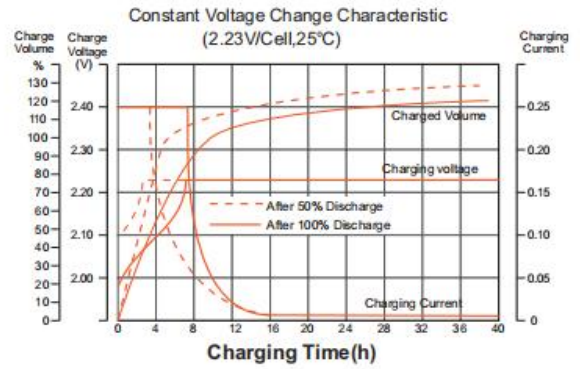
F.V./Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	1843	1276	797	576	460	396	350	284.5	236.6	105.72	59.40
1.65V	1799	1248	780	568	455	392	346	282.4	235.7	105.48	59.16
1.70V	1728	1212	763	560	450	386	341	278.6	234.4	104.28	58.68
1.75V	1668	1183	748	548	443	382	336	274.9	232.2	103.44	58.44
1.80V	1540	1141	730	545	440	379	332	272.8	227.0	102.12	57.84
1.85V	1392	1068	698	534	432	372	325	267.8	228.1	100.92	56.16
1.95V	1168	888	631	493	416	358	311	251.3	212.8	96.36	54.60

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.

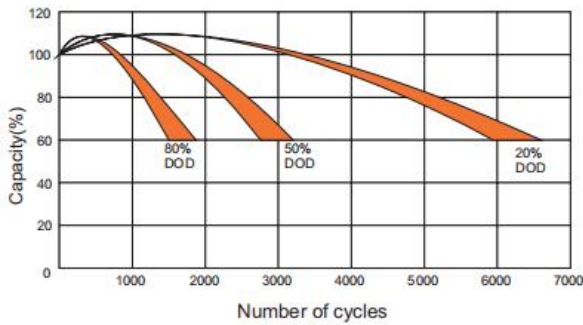
### Discharge Characteristics Curve



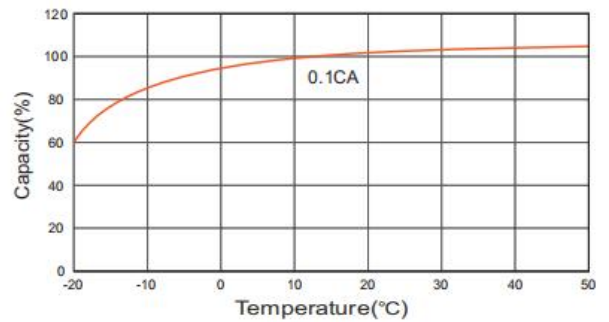
### Charging Characteristics Curve



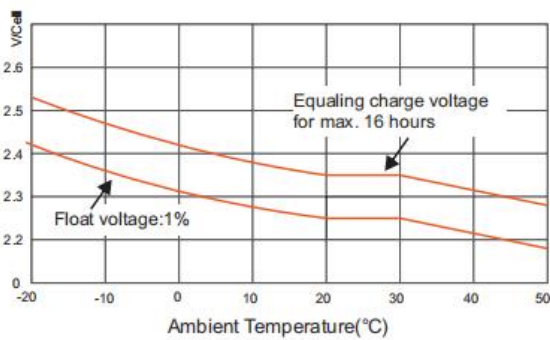
### Cycle life of Different DOD



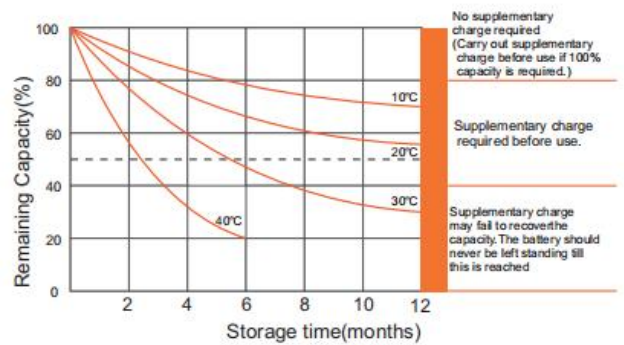
### Temperature effects on capacity



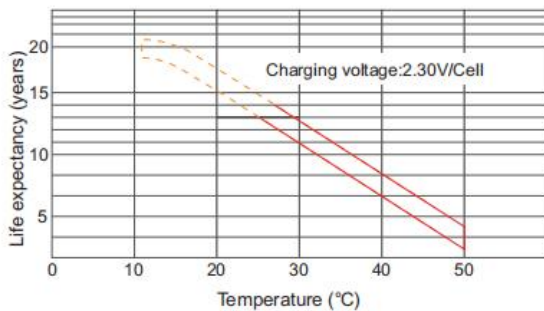
### Charging voltage and temperature relationship



### Self discharge Characteristics



### Temperature effects on floating life



### Life characteristics of standby use

