

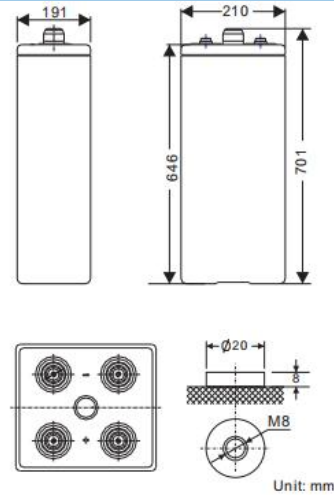
### Main Advantages

- ▶ 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)	800Ah (80A to 1.80V @25°C)
Terminal	M8 Φ=20
Approx. Weight	Approx. 60Kg (dry cell: 43Kg)
Container Material	SAN transparent container
Max. Discharge Current	6650A ( 5 sec)
Internal resistance(25°C)	Approx 0.31 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

Dimension:191(L)×210(W) ×646(H)×701(TH) Unit: mm



Rated Capacity(25°C)	
120 Hour Rate (8.96A to 1.85V)	1075.2Ah
20 Hour Rate (47A to 1.8V)	940.0Ah
10 Hour Rate (80.0A to 1.8V)	800.0Ah
5 Hour Rate (136.6A to 1.75V)	683.0Ah
1 Hour Rate (458.8A to 1.60V)	458.8Ah

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

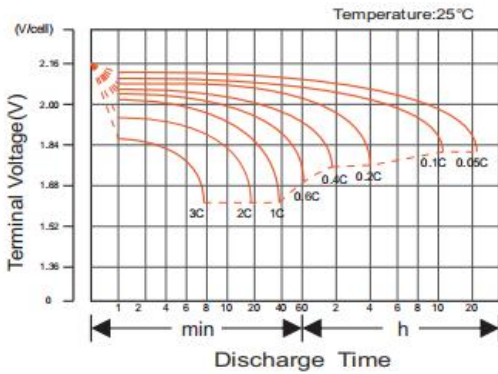
F.V./Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	674	462	288	207	165	142	126	102.0	84.9	37.76	20.88
1.65V	652	451	282	204	164	141	124	101.3	84.4	37.76	20.72
1.70V	624	437	275	201	161	139	122	100.1	84.0	37.36	20.56
1.75V	601	424	268	196	158	137	120	98.2	82.8	36.72	20.32
1.80V	550	404	258	193	155	134	117	95.8	80.2	35.84	19.92
1.85V	488	375	244	186	150	129	113	93.0	79.2	34.72	18.96
1.95V	395	300	213	166	140	120	104	84.4	71.2	31.84	17.76

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

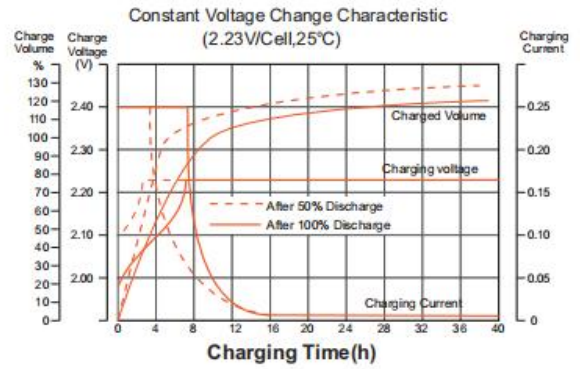
F.V./Time	30 min	1h	2h	3h	4h	5h	6h	8h	10h	24h	48h
1.60V	1229	850	531	384	306	264	234	189.7	157.8	70.48	39.60
1.65V	1199	832	520	378	303	262	230	188.2	157.1	70.32	39.44
1.70V	1152	808	509	374	300	258	227	185.8	156.2	69.52	39.12
1.75V	1112	789	498	366	295	254	224	183.3	154.8	68.96	38.96
1.80V	1026	761	486	363	294	253	222	181.8	151.4	68.08	38.56
1.85V	928	712	466	356	288	248	217	178.6	152.1	67.28	37.44
1.95V	778	592	421	329	278	238	207	167.5	141.8	64.24	36.40

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.

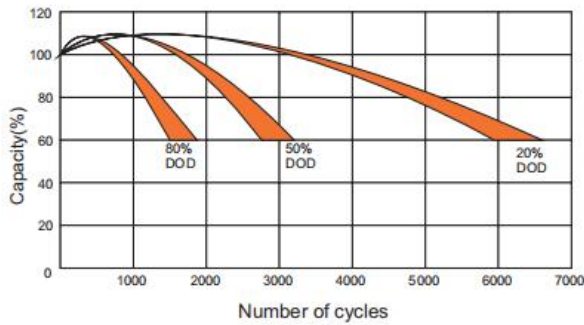
### Discharge Characteristics Curve



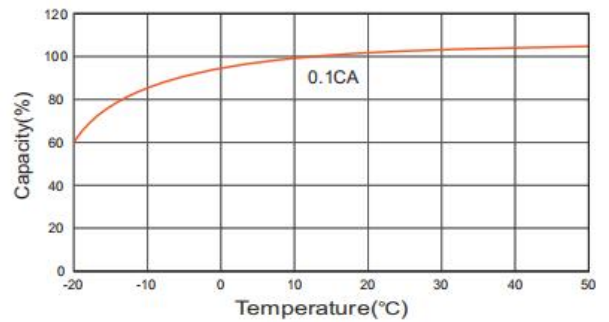
### Charging Characteristics Curve



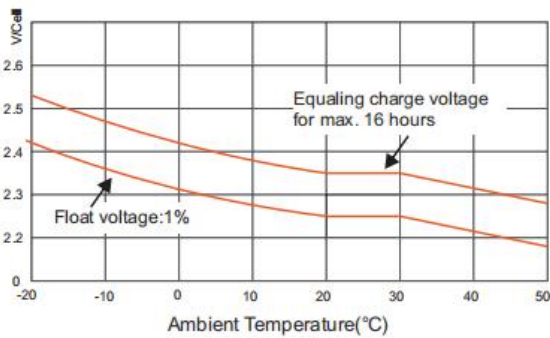
### Cycle life of Different DOD



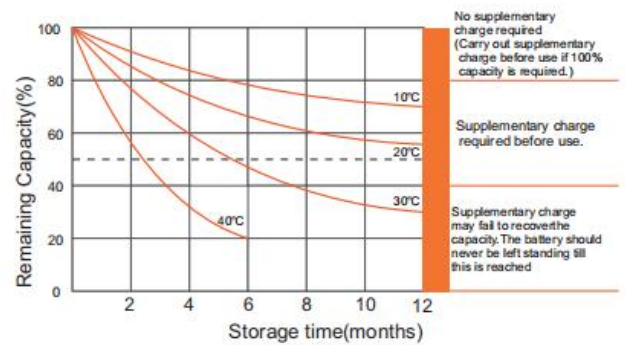
### Temperature effects on capacity



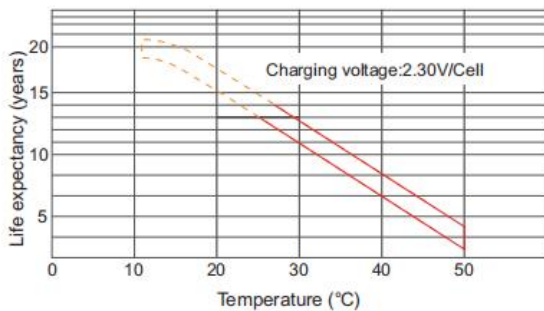
### Charging voltage and temperature relationship



### Self discharge Characteristics



### Temperature effects on floating life



### Life characteristics of standby use

