

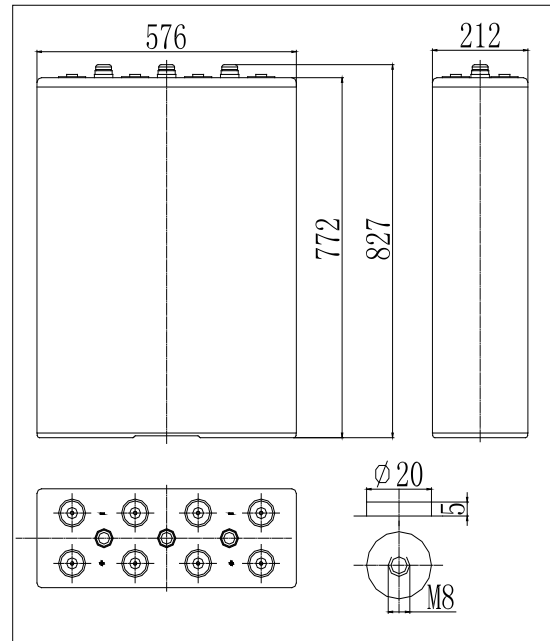
CFPS23000 (2V3000Ah)

Specifications

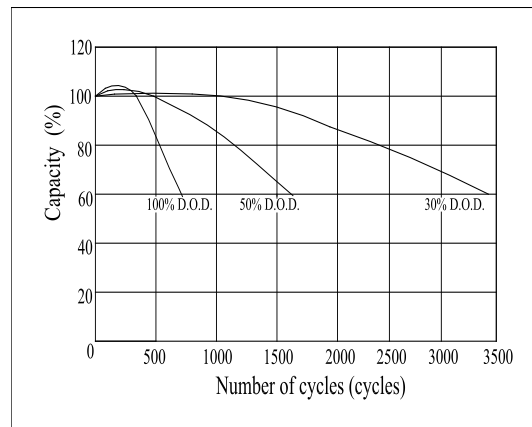
Nominal Voltage		2 V
Capacity(10HR, 25°C)		3000 Ah
Dimension	Length	576mm (227inch)
	Width	212mm (8.35inch)
	Height	772mm (30.39inch)
	Total Height	827mm (32.56inch)
Battery Weight	Dry	Approx. 155kg (341.8bs)
	Wet	Approx. 218kg (480.7lbs)
Acid Weight		Approx. 63kg (138.9lbs)
Acid Density(25°C)		1.24 g/cm ³
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Nominal operating temperature		25±3°C(77±5°F)
Operating temperature range		-20 ~ 50°C (-4 ~ 122°F)
Float charging voltage(25°C)		2.20 to 2.24V
Cyclic charging voltage(25°C)		2.35 to 2.40V
Maximum charging current		750A
Terminal material		Copper
Number of Terminal		4 pairs
Maximum discharge current		6000A(5 sec.)

- Tubular Positive Plate;
- Flooded Battery;
- Transparent Container.

Dimensions



Cycle Life(25°C)



Note: Designed floating life is more than 20 years at 20°C.

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	1min	5min	10min	15min	30min	45min	60min	2h	3h	5h	8h	10h	20h
1.60V	4200	3600	3510	3180	2460	1800	1680	1005	792	548	356	305	167
1.65V	3990	3492	3405	3116	2411	1764	1646	999	787	545	354	304	167
1.70V	3822	3348	3264	3021	2337	1710	1596	990	780	543	353	303	167
1.75V	3528	3204	3124	2948	2280	1669	1557	982	774	540	351	302	166
1.80V	3318	3024	2948	2840	2197	1607	1500	970	764	535	347	300	165
1.85V	3150	2844	2773	2751	2128	1557	1453	956	753	527	343	298	164

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	1min	5min	10min	15min	30min	45min	60min	2h	3h	5h	8h	10h	20h
1.60V	6720	6300	6318	5819	4600	3150	3192	1939	1552	1080	705	606	335
1.65V	6384	6111	6128	5703	4508	3087	3128	1928	1543	1073	701	605	334

NorBat tubular single cell**OPzS Series**

1.70V	6115	5859	5876	5528	4370	2993	3032	1911	1529	1070	699	603	333
1.75V	5645	5607	5623	5395	4264	2920	2959	1895	1517	1064	695	601	332
1.80V	5309	5292	5307	5197	4108	2813	2850	1872	1498	1053	688	597	330
1.85V	5040	4977	4991	5034	3979	2725	2761	1846	1477	1038	678	592	327