

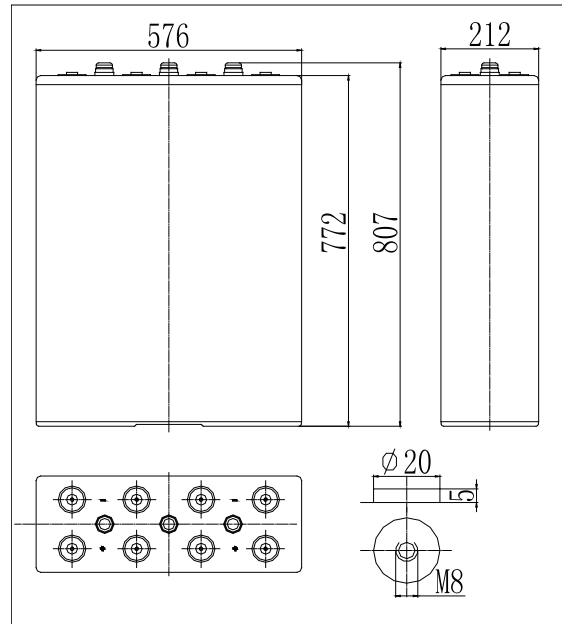
CFPV23000 (2V3000Ah)

Specifications

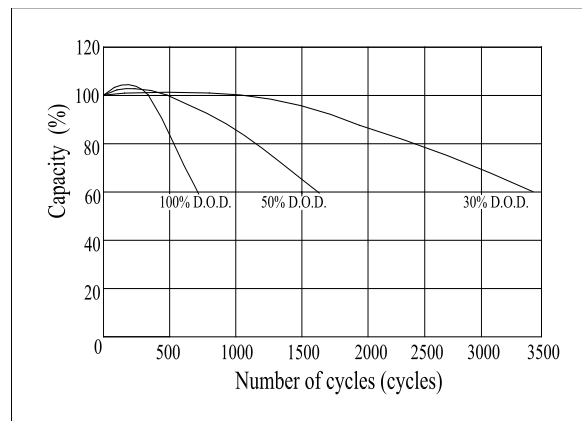
Nominal Voltage		2 V
Capacity(10HR, 25°C)		3000 Ah
Dimension	Length	576mm (227inch)
	Width	212mm (8.35inch)
	Height	772mm (30.39inch)
	Total Height	807mm (31.77inch)
Approx. Weight		220kg (485.1lbs)
Internal resistance (Fully charged, 25°C)		Approx. 0.13mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 93%
	6 month	Remaining Capacity: 85%
	12 month	Remaining Capacity: 72%
Nominal operating temperature		25±3°C(77±5°F)
Operating temperature range		-20 ~ 50°C (-4 ~ 122°F)
Float charging voltage(25°C)		2.23 to 2.25V
Cyclic charging voltage(25°C)		2.30 to 2.35V
Maximum charging current		600A
Terminal material		Copper
Maximum discharge current		12000A(5 sec.)

- ♦ Gelled electrolyte technology;
- ♦ Tubular Positive Plate;
- ♦ Recognized by UL & CE;
- ♦ ABS container.

Dimensions



Cycle Life(25°C)



Note: Floating life at 20°C designed for more than 20 years.

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	6000	4500	3600	3300	2550	2079	1800	1035	761	518	350	305	158
1.65V	5820	4410	3528	3251	2512	2048	1773	1029	757	515	348	304	158
1.70V	5580	4275	3420	3168	2448	1996	1728	1020	750	510	347	303	157
1.75V	5340	4172	3337	3105	2400	1956	1694	1012	744	506	345	302	157
1.80V	5040	4019	3215	3010	2326	1896	1642	1000	735	500	342	300	156
1.85V	4740	3893	3114	2924	2259	1842	1595	985	725	493	337	298	155

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	9600	7875	6480	6039	4769	3638	3420	1998	1492	1020	693	606	317
1.65V	9312	7718	6350	5948	4697	3584	3369	1986	1483	1014	689	605	316

NorBat CFPV-GEL single cell**OPzV Series**

1.70V	8928	7481	6156	5797	4578	3493	3283	1969	1470	1005	687	603	314
1.75V	8544	7300	6007	5683	4487	3424	3218	1953	1458	997	683	601	313
1.80V	8064	7032	5787	5508	4349	3318	3119	1929	1441	985	676	597	312
1.85V	7584	6812	5605	5351	4225	3223	3030	1902	1420	971	667	592	310