

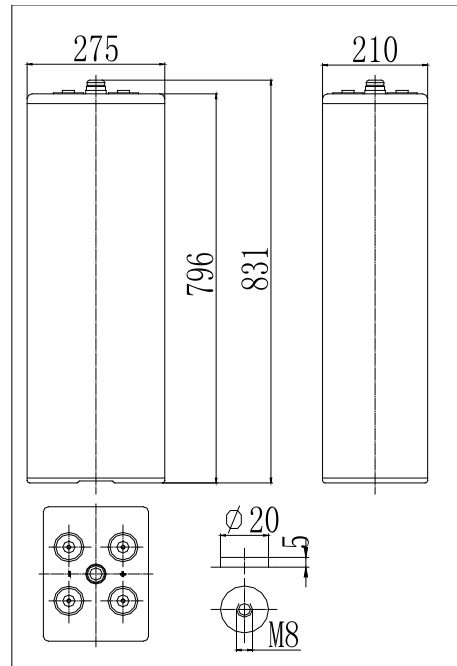
CFPV21500 (2V1500Ah)

Specifications

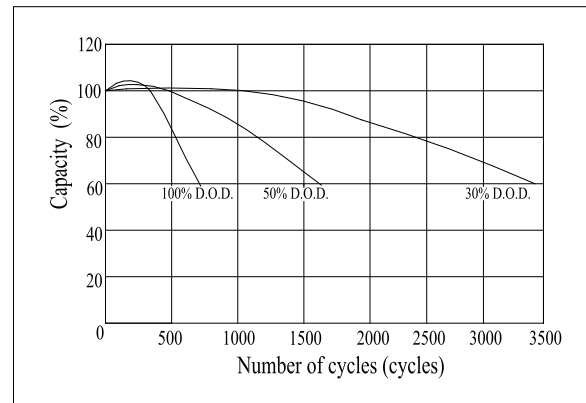
Nominal Voltage		2 V
Capacity(10HR, 25°C)		1500 Ah
Dimension	Length	275mm (10.8inch)
	Width	210mm (8.27inch)
	Height	796mm (31.33inch)
	Total Height	831mm (32.72inch)
Approx. Weight		103kg (227.1lbs)
Internal resistance (Fully charged, 25°C)		Approx. 0.25mΩ
Capacity affected by temperature (10HR)	40°C	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		300A
Terminal material		Copper
Maximum discharge current		6000A(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	3000	2250	1800	1650	1275	1040	900	518	381	259	175	152	79.2
1.65V	2910	2205	1764	1625	1256	1024	887	515	378	257	174	152	79.0
1.70V	2790	2138	1710	1584	1224	998	864	510	375	255	174	152	78.5
1.75V	2670	2086	1669	1553	1200	978	847	506	372	253	173	151	78.3
1.80V	2520	2009	1607	1505	1163	948	821	500	368	250	171	150	78.0
1.85V	2370	1946	1557	1462	1130	921	797	493	362	246	168	149	77.4

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	4800	3938	3240	3020	2384	1819	1710	999	746	510	347	303	158
1.65V	4656	3859	3175	2974	2348	1792	1684	993	742	507	345	302	158

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

1.70V	4464	3741	3078	2899	2289	1746	1642	984	735	502	344	301	157
1.75V	4272	3650	3003	2841	2244	1712	1609	976	729	498	342	300	157
1.80V	4032	3516	2893	2754	2174	1659	1560	965	720	492	338	299	156
1.85V	3792	3406	2803	2675	2112	1612	1515	951	710	485	333	296	155