

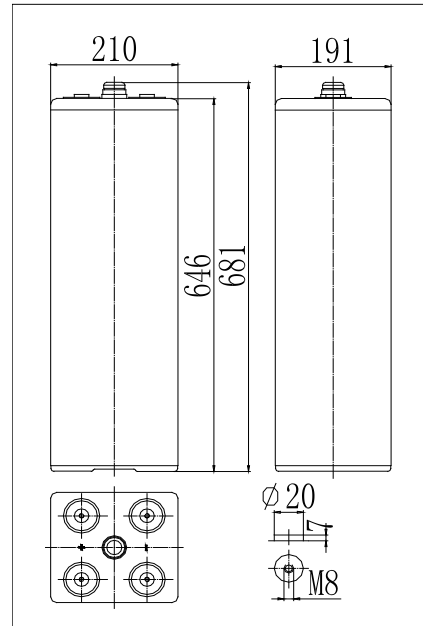
CFPV2800 (2V800Ah)

Specifications

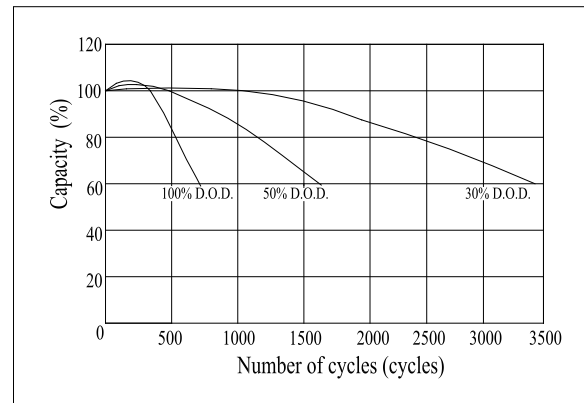
Nominal Voltage		2 V
Capacity(10HR, 25°C)		800 Ah
Dimension	Length	210mm (8.27inch)
	Width	191mm (7.52inch)
	Height	646mm (25.43inch)
	Total Height	681mm (26.81inch)
Approx. Weight		59kg (130.1bs)
Internal resistance (Fully charged, 25°C)		Approx. 0.40mΩ
Capacity affected by temperature (10HR)	40°C	102%
	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		160A
Terminal material		Copper
Maximum discharge current		3200A(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	1600	1200	960	880	680	554	480	276	203	138	93.4	81.2	42.2
1.65V	1552	1176	941	867	670	546	473	274	202	137	92.8	81.0	42.1
1.70V	1488	1140	912	845	653	532	461	272	200	136	92.6	80.8	41.8
1.75V	1424	1112	890	828	640	522	452	270	198	135	92.0	80.5	41.8
1.80V	1344	1072	857	803	620	506	438	267	196	133	91.1	80.0	41.6
1.85V	1264	1038	830	780	602	491	425	263	193	131	89.8	79.4	41.3

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	2560	2100	1728	1610	1272	970	912	533	398	272	185	162	84.4
1.65V	2483	2058	1693	1586	1253	956	898	530	396	270	184	161	84.3

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

1.70V	2381	1995	1642	1546	1221	931	876	525	392	268	183	161	83.7
1.75V	2278	1947	1602	1515	1197	913	858	521	389	266	182	160	83.5
1.80V	2150	1875	1543	1469	1160	885	832	514	384	263	180	159	83.2
1.85V	2022	1817	1495	1427	1127	860	808	507	379	259	178	158	82.5