

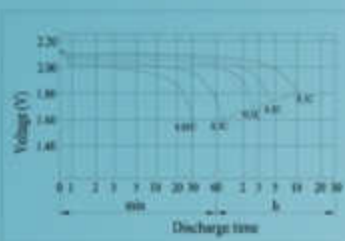


CFPV21000
OPzV 2V1000Ah

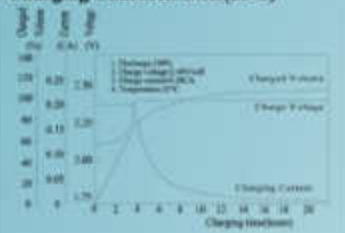


Dimensi : L : 233 mm
W : 210 mm
H : 646 mm
TH : 681 mm
Weight : 73 Kg

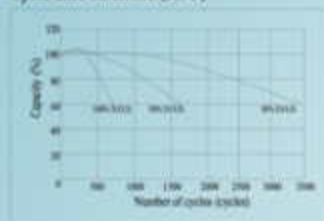
Discharge Characteristics(25°C)



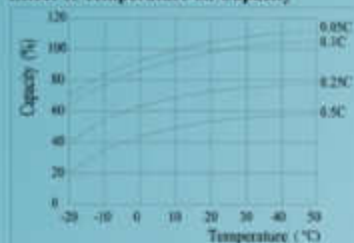
Charging Characteristics(25°C)



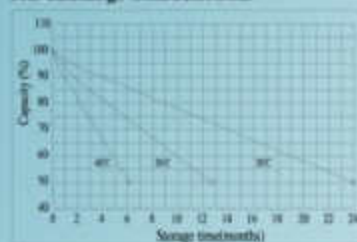
Cycle Life on D.O.D(25°C)



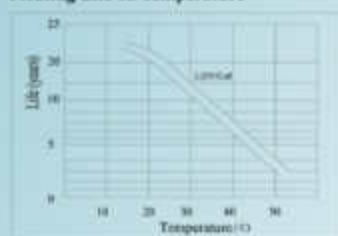
Effect of Temperature on Capacity



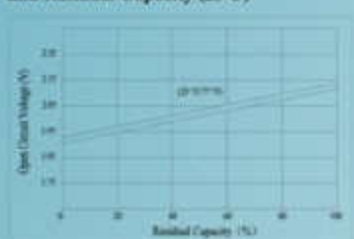
Self-discharge Characteristics



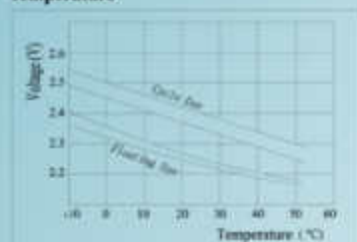
Floating Life on Temperature



The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Nominal Voltage		2 V
Capacity (25°C)	(10HR) (0.05V)	1000 Ah
	(10HR) (1.75V)	750Ah
	(10HR) (2.1V)	550Ah
Dimension	Length	253 ± 2mm (± 1/32inch)
	Width	210 ± 2mm (± 2/32inch)
	Height	446 ± 2mm (25.4inch)
	Total Height	481 ± 2mm (26.8inch)
Approx. Weight		778g (16.10lbs) ± 4%
Terminal type		T10
Internal resistance (Fully charged, 25°C)		Approx. 0.3mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	83%
	-15°C	63%
Self-discharge (25°C)	3 month	Remaining Capacity: 97%
	6 month	Remaining Capacity: 87%
	12 month	Remaining Capacity: 77%
Nominal operating temperature		25°C ± 3°C (77°F ± 3°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 60°C (14°F ~ 122°F)
	Storage	-20°C ~ 30°C (-4°F ~ 122°F)

Specifications

- Gelled electrolyte technology
- Tubular Positive Plate
- ABS Container.
- Max Charging Current : 200A
- Terminal Material : Copper
- Max discharge current : 4000A
- Designed Floating life(20°C) 20 Years

Float charging voltage(25°C)	2.23 to 2.25V Temperature compensation: -5uV/°C
Cyclic charging voltage(25°C)	2.33 to 2.40V Temperature compensation: -5uV/°C
Maximum charging current	200A
Terminal material	Copper
Maximum discharge current	4000A(5 sec.)
Designed floating life(20°C)	20 years

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V	850	570	345	265	214	183	157	123	102	54.0	46.5
1.65V	833	561	343	264	213	182	156	123	102	53.8	46.4
1.70V	808	547	340	262	211	180	155	122	101	53.7	46.1
1.75V	788	536	335	260	210	179	154	121	101	53.4	46.0
1.80V	759	520	326	252	204	174	149	117	100	53.0	45.8

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V	1590	1083	666	520	420	360	309	244	203	108	93.4
1.65V	1558	1067	662	517	417	358	308	243	202	108	93.3
1.70V	1510	1040	656	513	414	355	306	241	202	107	92.6
1.75V	1473	1019	646	510	412	353	303	240	200	107	92.4
1.80V	1419	988	630	494	399	342	294	232	199	106	92.1

Note: The above characteristics data can be obtained within three charge/discharge cycles.