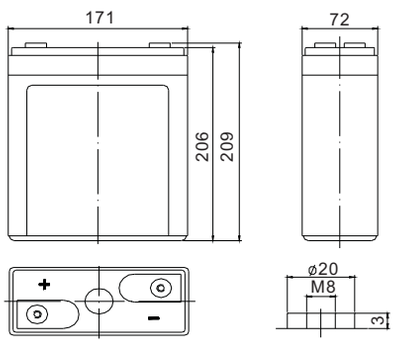
Standard Series
CFPV2200 *2V200Ah*

FirstPower®

Dimension



T10
Terminal

Features

- ! The battery has a long life ,it can operate under float charging for 18-20 years (25°C), and the cycle service life is long.
- ! The self-discharged electricity of the battery is very low. When the battery is put aside for two years at 20°C,the self-discharged capacity is lower than 40% of the rated capacity.
- ! The battery has strong ability to recover from deep discharging. Within 12 hours after deep discharging, the battery can be charged to 95% of the rated capacity.
- ! The gas recombination efficiency exceeds 99%

Application:

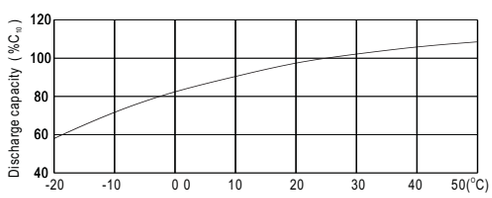
- ! Communication and signal systems such as telecommunication, China mobile and railway etc.
- ! UPS and emergency illumination etc.
- ! Vessels and maritime affairs

Specification

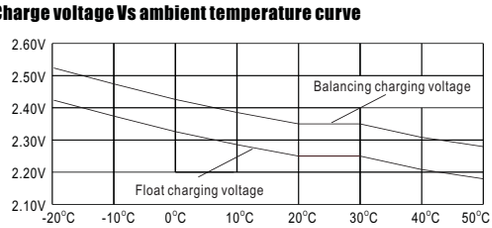
Nominal Voltage		2 V
Capacity(10HR, 25℃)		100 Ah
Dimension	Length	171mm (6.73inch)
	Width	72mm (2.83inch)
	Height	206mm (8.11inch)
	Total Height	209mm (8.23inch)
Approx. Weight		7.2kg (15.9lbs)

Technical parameters And Environment requirements

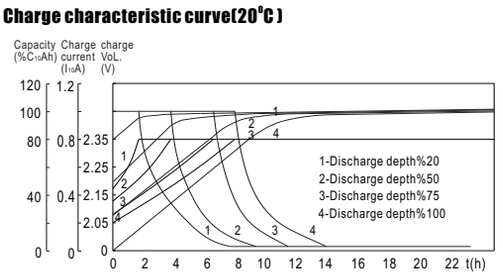
Discharge capacity Vs ambient temperature curve ($I_{10}A$)



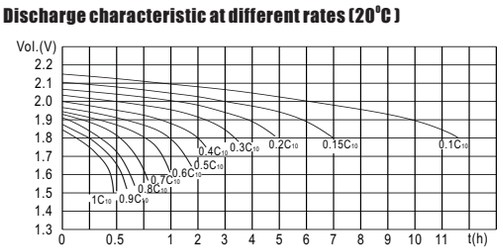
Charge voltage Vs ambient temperature curve



Charge characteristic curve(20°C)



Discharge characteristic at different rates (20°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h
1.8V	201.6	154	102	63.6	51	40	33.8	28	23.8	20

Constant Power Discharge Characteristics (Watt, 25°C)

U_e/TIME	C	C	C	C
1.85V	225	250	262	266