

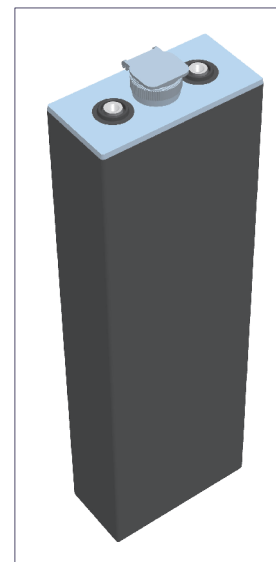
# 4PzB 220

(2V220Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	220Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 11.0 Kg Approx. including electrolyte 13.7 Kg
High Rate Discharge Current	220 A
Operating Temperature Range	Discharge: -40°C~60°C Charge: -20°C~50°C Storage: -40°C~60°C
Optimal Operating Temperature Range	25°C ± 5°C
Maximum Charging Current	33.0 A
Cycle charged	2.65 to 2.85 VDC/unit Average at 25°C
Self Discharge	Self-discharge ratio less than 5% per month at 25°C. Please charge batteries before using.
Terminal	D2(M10 Copper Terminals) & D4(Lead Terminals)
Dimensions (L×W×H×TH)	77mm×158mm×398mm×428mm(Total High)



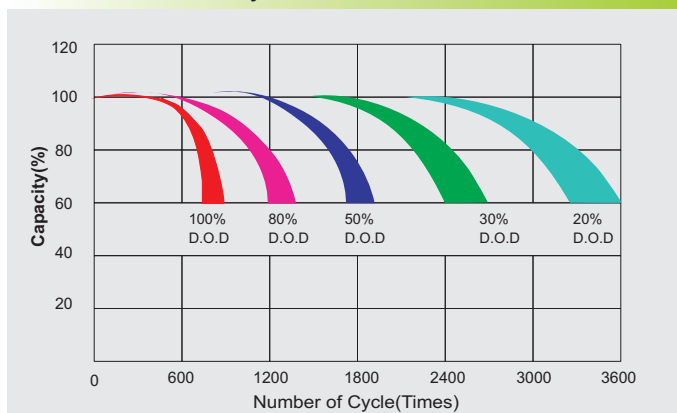
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	208.4	145.9	84.5	63.3	51.7	46.3	40.2	31.3	25.8
1.65V	203.6	142.6	82.6	61.9	50.5	45.3	39.2	30.6	25.2
1.70V	197.9	138.6	80.3	60.1	49.1	44.0	38.1	29.7	24.5
1.75V	190.4	133.3	77.2	57.8	47.2	42.3	36.7	28.6	23.6
1.80V	181.7	127.3	73.7	55.2	45.1	40.4	35.0	27.3	22.5
1.85V	172.2	120.6	69.9	52.3	42.7	38.3	33.2	25.8	21.3

## Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	389.8	281.0	166.1	125.6	102.6	92.1	79.9	62.2	51.4
1.65V	382.8	275.2	162.7	123.2	100.6	90.3	78.3	61.0	50.4
1.70V	376.4	267.9	158.3	120.2	98.0	88.0	76.3	59.4	49.1
1.75V	362.3	257.7	152.3	115.5	94.3	84.6	73.3	57.1	47.2
1.80V	346.2	247.4	146.2	110.3	90.1	80.8	70.0	54.5	45.1
1.85V	329.9	236.3	139.6	104.7	85.4	76.6	66.4	51.7	42.7

## Life characteristics of cyclic use



## Charge characteristic Curve for standby use

