

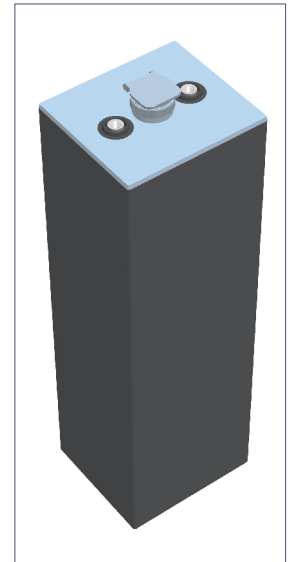
# 8PzB 680

(2V680Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	680Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 30.6 Kg Approx. including electrolyte 38.8 Kg
High Rate Discharge Current	680 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	102.0 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)	141mm×158mm×567mm×597mm(Total High)



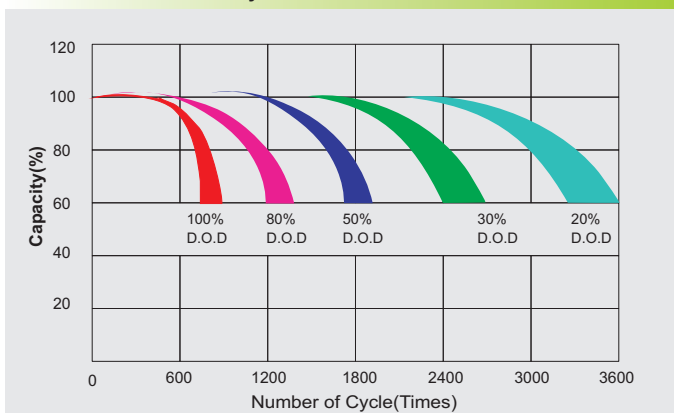
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	644.2	451.1	261.3	195.7	159.7	143.2	124.1	96.7	79.8
1.65V	629.4	440.8	255.4	191.2	156.0	139.9	121.3	94.4	78.0
1.70V	611.8	428.4	248.2	185.9	151.6	136.0	117.9	91.8	75.8
1.75V	588.5	411.9	238.7	178.7	145.8	130.8	113.3	88.3	72.9
1.80V	561.7	393.4	227.9	170.7	139.2	124.9	108.2	84.3	69.6
1.85V	532.2	372.8	216.0	161.7	132.0	118.3	102.6	79.9	66.0

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1204.8	868.7	513.3	388.1	317.2	284.7	246.8	192.3	159.0
1.65V	1183.1	850.8	502.8	380.9	311.0	279.1	242.0	188.6	155.9
1.70V	1163.4	828.2	489.4	371.4	303.0	272.0	235.7	183.6	151.6
1.75V	1119.7	796.7	470.8	357.1	291.4	261.5	226.7	176.5	145.8
1.80V	1070.1	764.8	452.0	341.1	278.5	249.8	216.5	168.6	139.2
1.85V	1019.8	730.3	431.6	323.5	263.9	236.7	205.1	159.8	132.0

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

