

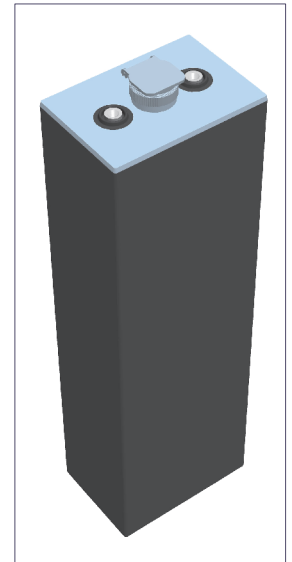
6PzB 510

(2V510Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	510Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 24.0 Kg Approx. including electrolyte 30.0 Kg
High Rate Discharge Current	510 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	76.5 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)	109mm×158mm×567mm×597mm(Total High)



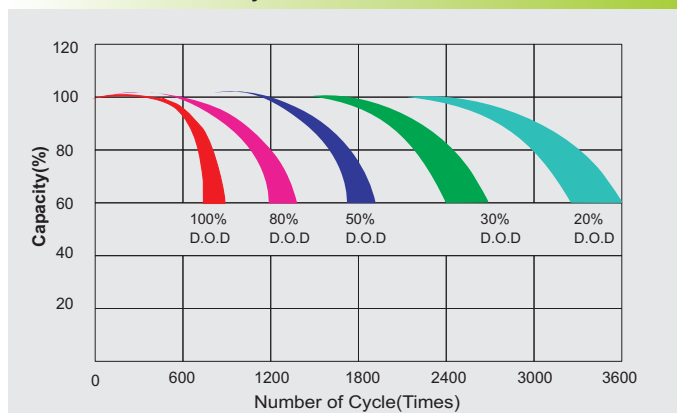
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	483.1	338.3	196.0	146.8	119.7	107.4	93.1	72.5	59.9
1.65V	472.1	330.6	191.5	143.4	117.0	104.9	91.0	70.8	58.5
1.70V	458.8	321.3	186.2	139.4	113.7	102.0	88.4	68.9	56.9
1.75V	441.3	308.9	179.0	134.0	109.4	98.1	85.0	66.2	54.7
1.80V	421.3	295.0	170.9	128.0	104.4	93.7	81.2	63.2	52.2
1.85V	399.1	279.6	162.0	121.3	99.0	88.8	76.9	59.9	49.5

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	903.6	651.5	385.0	291.1	237.9	213.5	185.1	144.3	119.2
1.65V	887.4	638.1	377.1	285.7	233.2	209.4	181.5	141.4	116.9
1.70V	872.5	621.1	367.1	278.6	227.3	204.0	176.8	137.7	113.7
1.75V	839.8	597.5	353.1	267.8	218.5	196.2	170.0	132.4	109.4
1.80V	802.6	573.6	339.0	255.8	208.9	187.3	162.4	126.4	104.4
1.85V	764.9	547.7	323.7	242.6	197.9	177.5	153.9	119.8	99.0

Life characteristics of cyclic use



Charge characteristic Curve for standby use

