

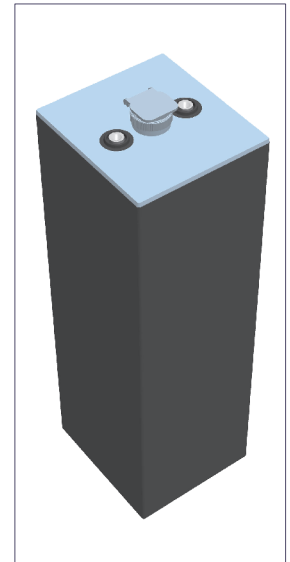
10PzB 850

(2V850Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	850Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 37.3 Kg Approx. including electrolyte 47.5 Kg
High Rate Discharge Current	850 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	127.5 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)	173mm×158mm×567mm×597mm(Total High)



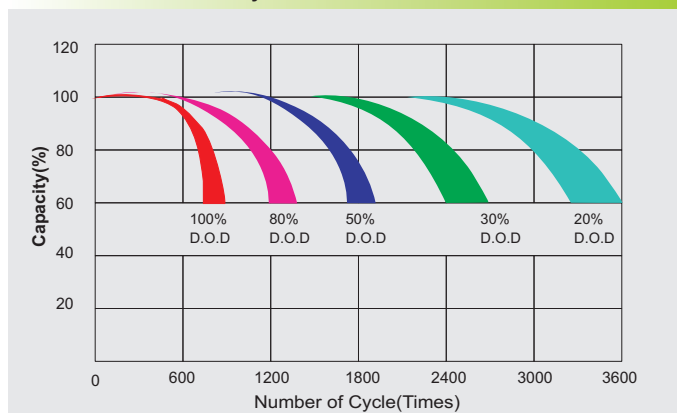
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	805.2	563.8	326.7	244.6	199.6	179.0	155.1	120.8	99.8
1.65V	786.8	550.9	319.2	239.0	195.0	174.9	151.6	118.1	97.5
1.70V	764.7	535.5	310.3	232.3	189.6	170.0	147.3	114.8	94.8
1.75V	735.6	514.9	298.3	223.4	182.3	163.5	141.7	110.3	91.1
1.80V	702.2	491.7	284.9	213.3	174.1	156.1	135.3	105.4	87.0
1.85V	665.2	466.0	270.0	202.2	164.9	147.9	128.2	99.9	82.5

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1505.9	1085.9	641.7	485.2	396.5	355.9	308.5	240.4	198.7
1.65V	1478.9	1063.4	628.4	476.1	388.7	348.9	302.5	235.7	194.9
1.70V	1454.2	1035.2	611.8	464.3	378.8	340.0	294.7	229.5	189.6
1.75V	1399.7	995.8	588.5	446.4	364.2	326.9	283.3	220.7	182.3
1.80V	1337.6	956.0	565.0	426.3	348.1	312.2	270.6	210.7	174.1
1.85V	1274.8	912.8	539.4	404.3	329.9	295.9	256.4	199.7	164.9

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

