

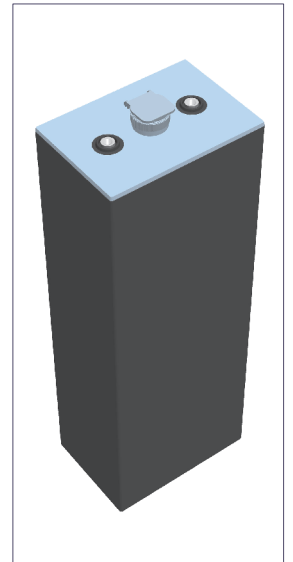
7PzS 1085

(2V1085Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	1085Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 43.5 Kg Approx. including electrolyte 56.5 Kg
High Rate Discharge Current	1085 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	162.8 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)	137mm×198mm×720mm×750mm(Total High)



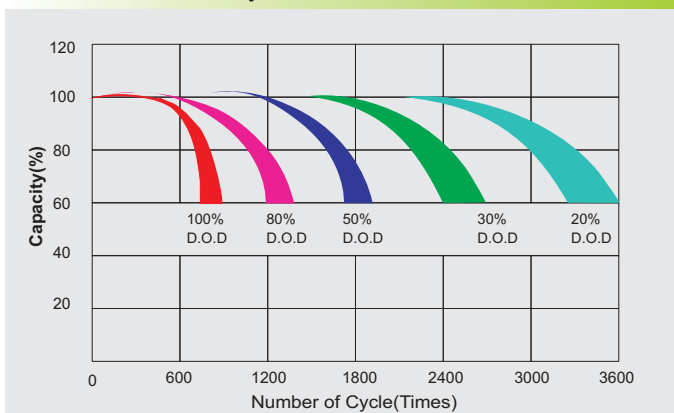
Constant Current Discharge Characteristics : A(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1027.9	719.7	417.0	312.3	254.8	228.5	198.0	154.2	127.4
1.65V	1004.3	703.3	407.4	305.1	248.9	223.3	193.5	150.7	124.5
1.70V	976.1	683.6	396.0	296.6	242.0	217.0	188.1	146.5	121.0
1.75V	938.9	657.3	380.8	285.2	232.6	208.7	180.8	140.8	116.3
1.80V	896.3	627.7	363.7	272.3	222.2	199.3	172.7	134.5	111.1
1.85V	849.1	594.8	344.6	258.1	210.5	188.8	163.7	127.5	105.3

Constant Power Discharge Characteristics : W(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1922.3	1386.1	819.1	619.3	506.1	454.3	393.8	306.9	253.7
1.65V	1887.8	1357.4	802.2	607.7	496.2	445.4	386.1	300.9	248.7
1.70V	1856.2	1321.4	780.9	592.6	483.5	434.0	376.1	293.0	242.0
1.75V	1786.6	1271.1	751.2	569.8	464.9	417.3	361.7	281.7	232.6
1.80V	1707.5	1220.3	721.2	544.2	444.4	398.5	345.4	269.0	222.2
1.85V	1627.2	1165.2	688.6	516.1	421.1	377.7	327.3	254.9	210.5

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

