

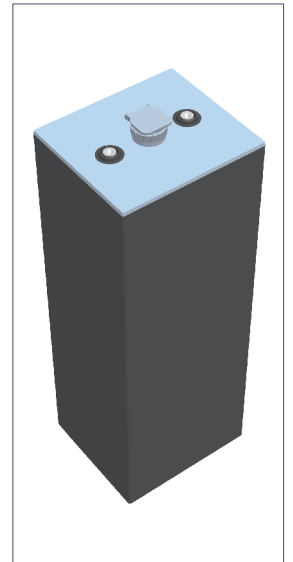
# 9PzS 810

(2V810Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	810Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 34.9 Kg Approx. including electrolyte 44.6 Kg
High Rate Discharge Current	810 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	121.5 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)	174mm×198mm×475mm×505mm(Total High)



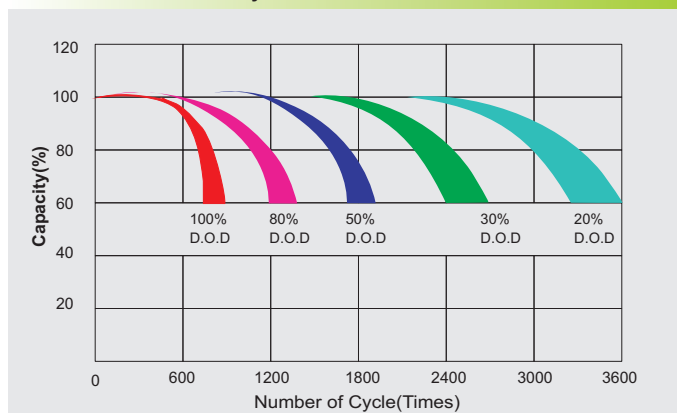
### Constant Current Discharge Characteristics : A(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	767.3	537.3	311.3	233.1	190.2	170.6	147.8	115.1	95.1
1.65V	749.7	525.0	304.2	227.8	185.8	166.7	144.5	112.5	92.9
1.70V	728.7	510.3	295.7	221.4	180.6	162.0	140.4	109.4	90.3
1.75V	701.0	490.7	284.3	212.9	173.7	155.8	135.0	105.1	86.8
1.80V	669.1	468.6	271.5	203.3	165.9	148.8	128.9	100.4	82.9
1.85V	633.9	444.1	257.3	192.7	157.2	141.0	122.2	95.2	78.6

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1435.1	1034.8	611.5	462.3	377.8	339.1	294.0	229.1	189.4
1.65V	1409.3	1013.4	598.9	453.7	370.4	332.5	288.2	224.6	185.7
1.70V	1385.8	986.5	583.0	442.4	361.0	324.0	280.8	218.7	180.6
1.75V	1333.8	949.0	560.8	425.4	347.1	311.5	270.0	210.3	173.7
1.80V	1274.7	911.0	538.4	406.3	331.7	297.5	257.9	200.8	165.9
1.85V	1214.8	869.9	514.1	385.3	314.4	281.9	244.4	190.3	157.2

### Life characteristics of cyclic use



### Charge characteristic Curve for cycle use

