

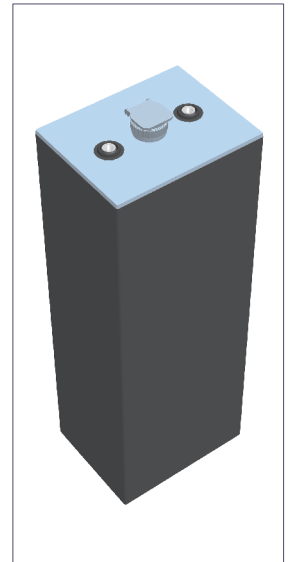
# 8PzS 720

(2V720Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	720Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 31.5 Kg Approx. including electrolyte 40.0 Kg
High Rate Discharge Current	720 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	108.0 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)	155mm×198mm×475mm×505mm(Total High)



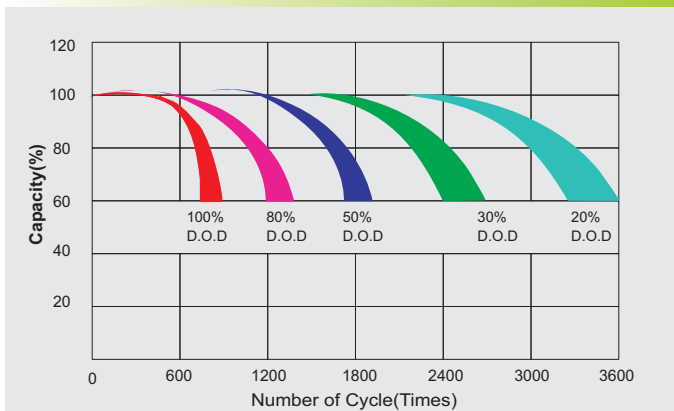
### Constant Current Discharge Characteristics : A(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	682.1	477.6	276.7	207.2	169.1	151.6	131.4	102.3	84.5
1.65V	666.4	466.7	270.4	202.5	165.2	148.2	128.4	100.0	82.6
1.70V	647.8	453.6	262.8	196.8	160.6	144.0	124.8	97.2	80.3
1.75V	623.1	436.2	252.7	189.2	154.4	138.5	120.0	93.5	77.2
1.80V	594.8	416.5	241.3	180.7	147.4	132.2	114.6	89.3	73.7
1.85V	563.5	394.7	228.7	171.3	139.7	125.3	108.6	84.6	69.9

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1275.6	919.8	543.5	411.0	335.9	301.5	261.3	203.7	168.3
1.65V	1252.7	900.8	532.3	403.3	329.3	295.6	256.2	199.7	165.1
1.70V	1231.8	876.9	518.2	393.3	320.8	288.0	249.6	194.4	160.6
1.75V	1185.6	843.5	498.5	378.1	308.5	276.9	240.0	186.9	154.4
1.80V	1133.1	809.8	478.6	361.1	294.9	264.5	229.2	178.5	147.4
1.85V	1079.8	773.2	456.9	342.5	279.4	250.6	217.2	169.2	139.7

### Life characteristics of cyclic use



### Charge characteristic Curve for cycle use

