

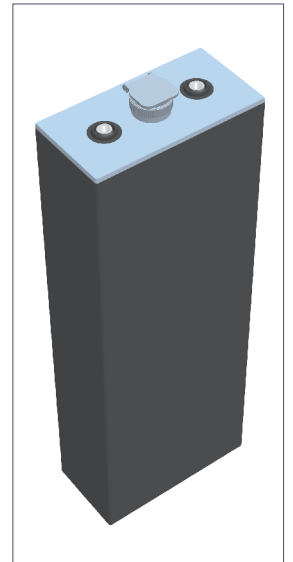
# 5PzS 575

(2V575Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	575Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 24.9 Kg Approx. including electrolyte 31.8 Kg
High Rate Discharge Current	575 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	86.3 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)	101mm×198mm×545mm×575mm(Total High)



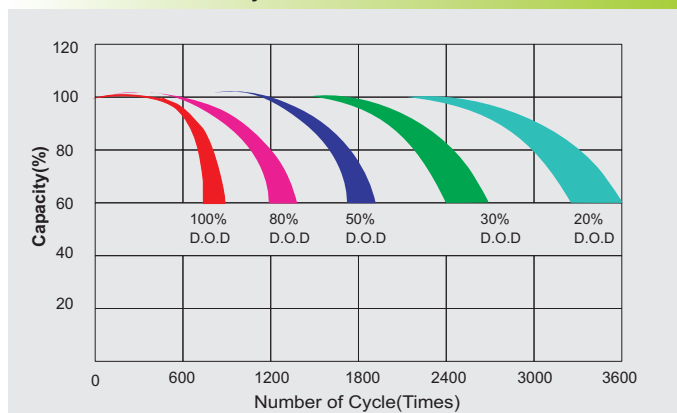
## Constant Current Discharge Characteristics : A(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	544.7	381.4	221.0	165.5	135.0	121.1	104.9	81.7	67.5
1.65V	532.2	372.7	215.9	161.7	131.9	118.3	102.5	79.9	66.0
1.70V	517.3	362.3	209.9	157.2	128.2	115.0	99.7	77.6	64.1
1.75V	497.6	348.3	201.8	151.1	123.3	110.6	95.8	74.6	61.6
1.80V	475.0	332.6	192.7	144.3	117.7	105.6	91.5	71.3	58.9
1.85V	450.0	315.2	182.6	136.8	111.6	100.1	86.7	67.5	55.8

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1018.7	734.6	434.1	328.2	268.2	240.7	208.7	162.6	134.4
1.65V	1000.5	719.4	425.1	322.1	263.0	236.0	204.6	159.5	131.8
1.70V	983.7	700.3	413.9	314.1	256.2	230.0	199.3	155.3	128.2
1.75V	946.8	673.6	398.1	302.0	246.4	221.2	191.7	149.3	123.3
1.80V	904.9	646.7	382.2	288.4	235.5	211.2	183.0	142.6	117.7
1.85V	862.3	617.5	364.9	273.5	223.2	200.1	173.5	135.1	111.6

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

