

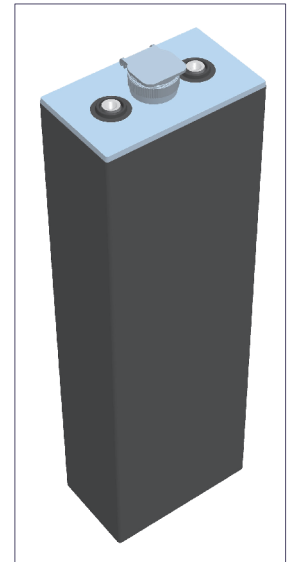
# 5PzB 275

(2V275Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	275Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 13.2 Kg Approx. including electrolyte 16.5 Kg
High Rate Discharge Current	275 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	41.3 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)	93mm×158mm×398mm×428mm(Total High)



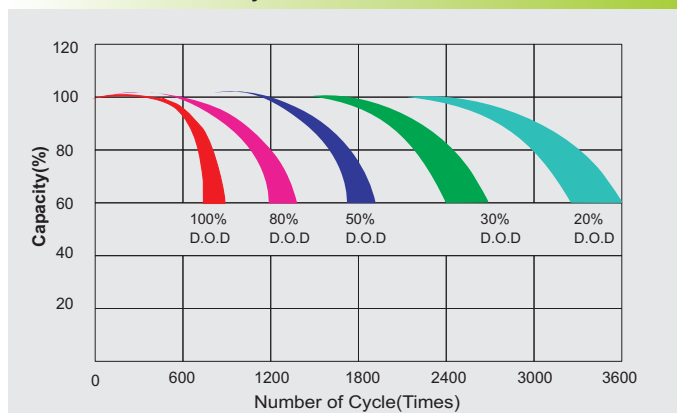
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	260.5	182.4	105.7	79.1	64.6	57.9	50.2	39.1	32.3
1.65V	254.5	178.2	103.3	77.3	63.1	56.6	49.0	38.2	31.5
1.70V	247.4	173.3	100.4	75.2	61.3	55.0	47.7	37.1	30.7
1.75V	238.0	166.6	96.5	72.3	59.0	52.9	45.8	35.7	29.5
1.80V	227.2	159.1	92.2	69.0	56.3	50.5	43.8	34.1	28.2
1.85V	215.2	150.8	87.3	65.4	53.4	47.9	41.5	32.3	26.7

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	487.2	351.3	207.6	157.0	128.3	115.1	99.8	77.8	64.3
1.65V	478.5	344.1	203.3	154.0	125.8	112.9	97.9	76.3	63.0
1.70V	470.5	334.9	197.9	150.2	122.5	110.0	95.3	74.3	61.3
1.75V	452.8	322.2	190.4	144.4	117.8	105.8	91.7	71.4	59.0
1.80V	432.8	309.3	182.8	137.9	112.6	101.0	87.5	68.2	56.3
1.85V	412.4	295.3	174.5	130.8	106.7	95.7	83.0	64.6	53.4

## Life characteristics of cyclic use



## Charge characteristic Curve for standby use

