

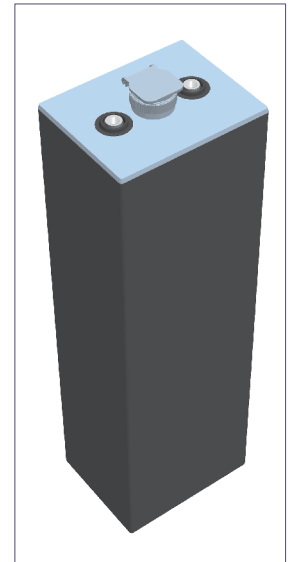
# 7PzB 525

(2V525Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	525Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 25.0 Kg Approx. including electrolyte 31.3 Kg
High Rate Discharge Current	525 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	78.8 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)	125mm×158mm×511mm×541mm(Total High)



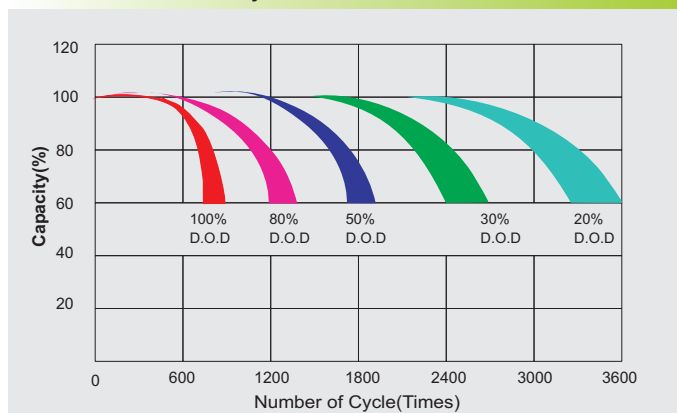
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	497.3	348.2	201.8	151.1	123.3	110.6	95.8	74.6	61.6
1.65V	485.9	340.3	197.2	147.6	120.5	108.0	93.6	72.9	60.2
1.70V	472.3	330.8	191.6	143.5	117.1	105.0	91.0	70.9	58.5
1.75V	454.3	318.0	184.3	138.0	112.6	101.0	87.5	68.1	56.3
1.80V	433.7	303.7	176.0	131.8	107.5	96.4	83.6	65.1	53.8
1.85V	410.9	287.8	166.8	124.9	101.9	91.4	79.2	61.7	50.9

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	930.1	670.7	396.3	299.7	244.9	219.8	190.6	148.5	122.8
1.65V	913.5	656.8	388.2	294.1	240.1	215.5	186.8	145.6	120.3
1.70V	898.2	639.4	377.9	286.8	234.0	210.0	182.0	141.8	117.1
1.75V	864.5	615.1	363.5	275.7	225.0	201.9	175.0	136.3	112.6
1.80V	826.2	590.5	349.0	263.3	215.0	192.8	167.1	130.2	107.5
1.85V	787.4	563.8	333.2	249.7	203.8	182.7	158.4	123.3	101.9

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

