

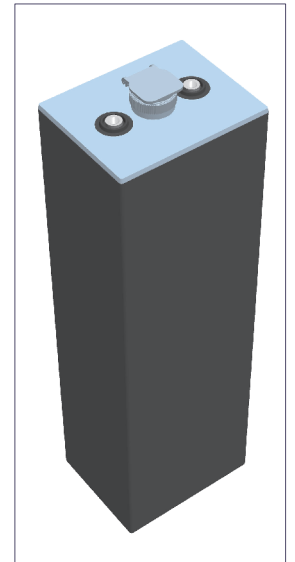
# 7PzB 595

(2V595Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	595Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 27.3 Kg Approx. including electrolyte 34.5 Kg
High Rate Discharge Current	595 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	89.3 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)	125mm×158mm×567mm×597mm(Total High)



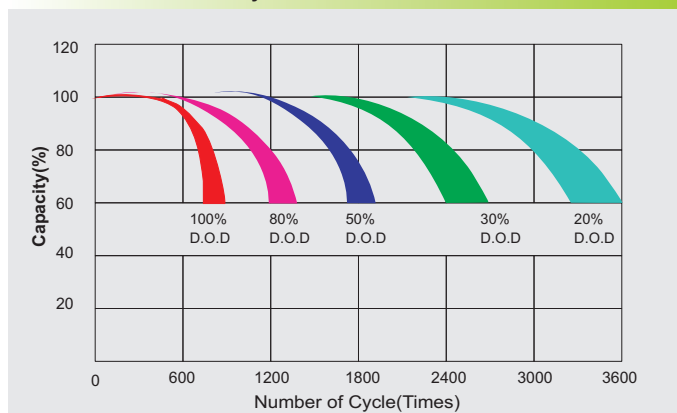
### Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	563.7	394.7	228.7	171.2	139.7	125.3	108.6	84.6	69.9
1.65V	550.7	385.7	223.4	167.3	136.5	122.4	106.1	82.6	68.3
1.70V	535.3	374.9	217.2	162.6	132.7	119.0	103.1	80.3	66.3
1.75V	514.9	360.4	208.8	156.4	127.6	114.4	99.2	77.2	63.8
1.80V	491.5	344.2	199.4	149.3	121.8	109.3	94.7	73.8	60.9
1.85V	465.7	326.2	189.0	141.5	115.5	103.6	89.7	69.9	57.7

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1054.2	760.1	449.2	339.6	277.5	249.1	216.0	168.3	139.1
1.65V	1035.3	744.4	439.9	333.3	272.1	244.3	211.7	165.0	136.4
1.70V	1017.9	724.7	428.2	325.0	265.1	238.0	206.3	160.7	132.7
1.75V	979.8	697.1	411.9	312.5	254.9	228.8	198.3	154.5	127.6
1.80V	936.4	669.2	395.5	298.4	243.7	218.5	189.4	147.5	121.8
1.85V	892.3	639.0	377.6	283.0	230.9	207.1	179.5	139.8	115.5

### Life characteristics of cyclic use



### Charge characteristic Curve for cycle use

