

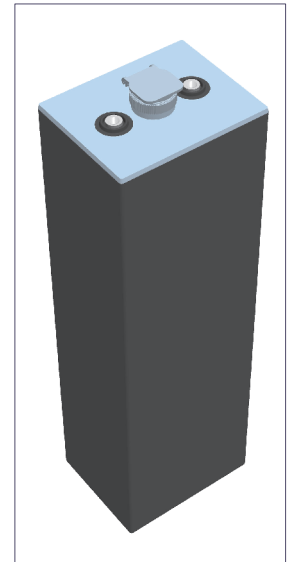
# 7PzB 490

(2V490Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	490Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 24.0 Kg Approx. including electrolyte 30.0 Kg
High Rate Discharge Current	490 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	73.5 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×492mm×522mm(Total High)



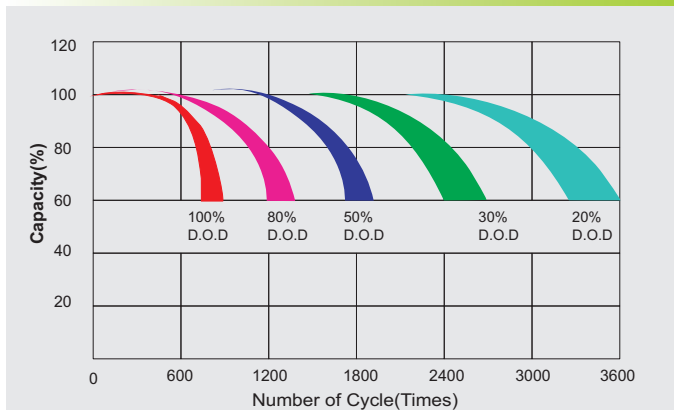
### Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	464.2	325.0	188.3	141.0	115.0	103.2	89.4	69.6	57.5
1.65V	453.5	317.6	184.0	137.8	112.4	100.8	87.4	68.1	56.2
1.70V	440.8	308.7	178.9	133.9	109.3	98.0	84.9	66.2	54.6
1.75V	424.0	296.8	172.0	128.8	105.1	94.2	81.7	63.6	52.5
1.80V	404.8	283.5	164.2	123.0	100.3	90.0	78.0	60.7	50.2
1.85V	383.5	268.6	155.6	116.5	95.1	85.3	73.9	57.6	47.5

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	868.1	626.0	369.9	279.7	228.6	205.2	177.8	138.6	114.6
1.65V	852.6	613.0	362.3	274.4	224.1	201.1	174.4	135.9	112.3
1.70V	838.3	596.8	352.7	267.6	218.4	196.0	169.9	132.3	109.3
1.75V	806.9	574.1	339.2	257.3	210.0	188.5	163.3	127.2	105.1
1.80V	771.1	551.1	325.7	245.8	200.7	180.0	156.0	121.5	100.3
1.85V	734.9	526.2	311.0	233.1	190.2	170.6	147.8	115.1	95.1

### Life characteristics of cyclic use



### Charge characteristic Curve for cycle use

