

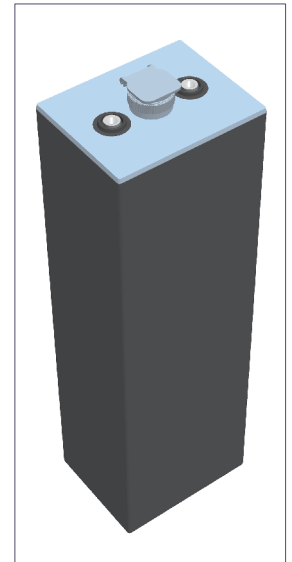
7PzB 455

(2V455Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	455Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 21.1 Kg Approx. including electrolyte 26.6 Kg
High Rate Discharge Current	455 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	68.3 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×454mm×484mm(Total High)



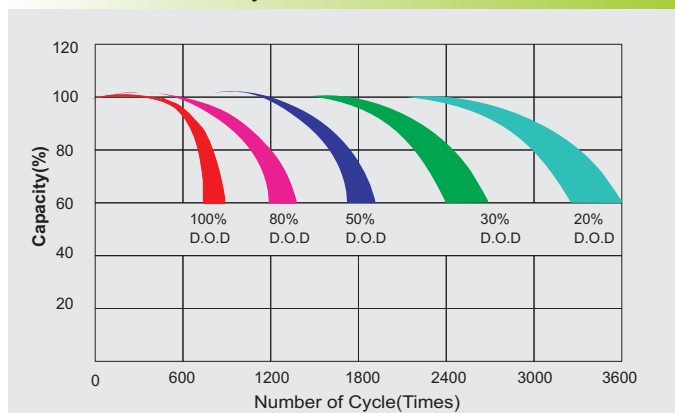
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	431.0	301.8	174.9	130.9	106.8	95.8	83.0	64.7	53.4
1.65V	421.1	294.9	170.9	128.0	104.4	93.6	81.1	63.2	52.2
1.70V	409.4	286.7	166.1	124.4	101.5	91.0	78.9	61.4	50.7
1.75V	393.8	275.6	159.7	119.6	97.6	87.5	75.8	59.1	48.8
1.80V	375.9	263.2	152.5	114.2	93.2	83.6	72.4	56.4	46.6
1.85V	356.1	249.4	144.5	108.2	88.3	79.2	68.6	53.5	44.1

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	806.1	581.3	343.5	259.7	212.2	190.5	165.1	128.7	106.4
1.65V	791.7	569.3	336.4	254.8	208.1	186.8	161.9	126.2	104.3
1.70V	778.4	554.2	327.5	248.5	202.8	182.0	157.7	122.9	101.5
1.75V	749.2	533.1	315.0	239.0	195.0	175.0	151.7	118.1	97.6
1.80V	716.0	511.8	302.4	228.2	186.3	167.1	144.8	112.8	93.2
1.85V	682.4	488.6	288.8	216.4	176.6	158.4	137.3	106.9	88.3

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

