

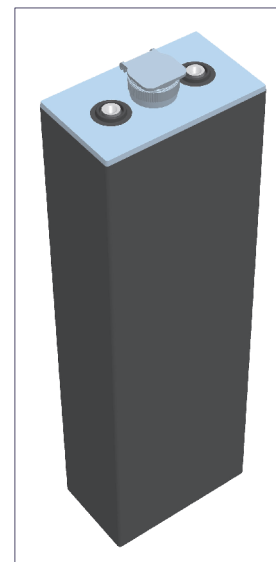
5PzB 500

(2V500Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	500Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 21.6 Kg Approx. including electrolyte 27.6 Kg
High Rate Discharge Current	500 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	75.0 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×683mm×713mm(Total High)



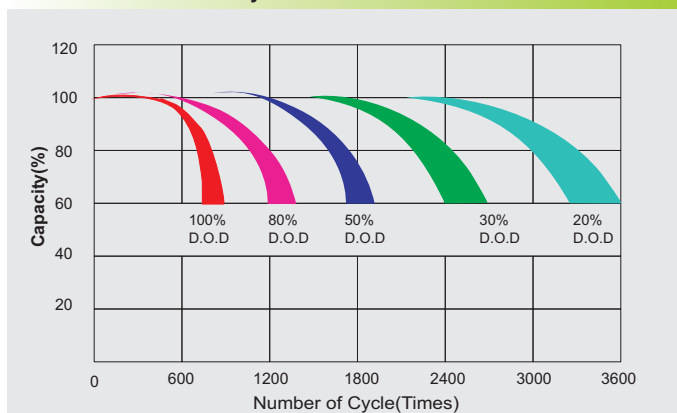
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	473.7	331.7	192.2	143.9	117.4	105.3	91.3	71.1	58.7
1.65V	462.8	324.1	187.8	140.6	114.7	102.9	89.2	69.4	57.4
1.70V	449.8	315.0	182.5	136.7	111.5	100.0	86.7	67.5	55.8
1.75V	432.7	302.9	175.5	131.4	107.2	96.2	83.3	64.9	53.6
1.80V	413.0	289.3	167.6	125.5	102.4	91.8	79.6	62.0	51.2
1.85V	391.3	274.1	158.8	118.9	97.0	87.0	75.4	58.7	48.5

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	885.8	638.7	377.5	285.4	233.2	209.3	181.5	141.4	116.9
1.65V	870.0	625.6	369.7	280.1	228.7	205.3	177.9	138.7	114.6
1.70V	855.4	609.0	359.9	273.1	222.8	200.0	173.3	135.0	111.5
1.75V	823.3	585.8	346.2	262.6	214.2	192.3	166.7	129.8	107.2
1.80V	786.9	562.4	332.3	250.8	204.8	183.7	159.2	124.0	102.4
1.85V	749.9	537.0	317.3	237.9	194.1	174.0	150.8	117.5	97.0

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

