

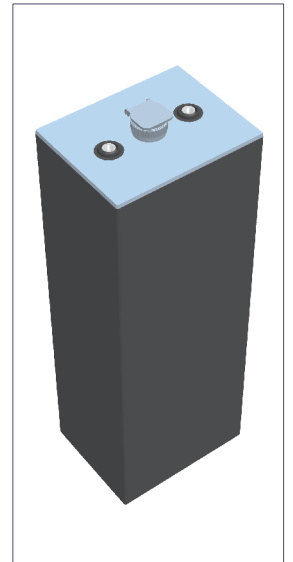
8PzS 1120

(2V1120Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	1120Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 46.5 Kg Approx. including electrolyte 60.0 Kg
High Rate Discharge Current	1120 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	168.0 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)	155mm×198mm×685mm×715mm(Total High)



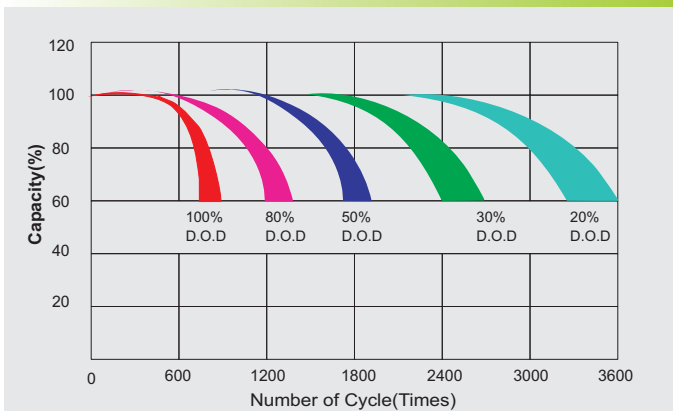
Constant Current Discharge Characteristics : A(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1061.0	742.9	430.4	322.3	263.0	235.8	204.4	159.2	131.5
1.65V	1036.7	726.0	420.6	315.0	257.0	230.5	199.7	155.6	128.5
1.70V	1007.6	705.6	408.8	306.1	249.8	224.0	194.1	151.2	124.9
1.75V	969.2	678.5	393.1	294.4	240.2	215.4	186.7	145.4	120.1
1.80V	925.2	647.9	375.4	281.1	229.3	205.7	178.3	138.8	114.7
1.85V	876.5	614.0	355.7	266.4	217.3	194.9	168.9	131.6	108.7

Constant Power Discharge Characteristics : W(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1984.3	1430.8	845.5	639.3	522.4	468.9	406.5	316.8	261.9
1.65V	1948.7	1401.2	828.1	627.3	512.2	459.8	398.5	310.6	256.7
1.70V	1916.1	1364.1	806.1	611.7	499.1	448.0	388.3	302.4	249.8
1.75V	1844.3	1312.1	775.4	588.2	479.9	430.8	373.3	290.8	240.2
1.80V	1762.5	1259.7	744.4	561.7	458.7	411.4	356.5	277.7	229.3
1.85V	1679.7	1202.8	710.8	532.8	434.7	389.8	337.9	263.1	217.3

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

