

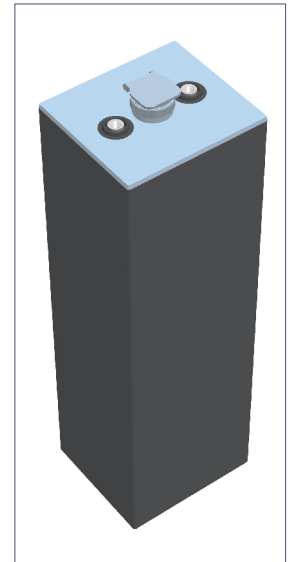
8PzB 640

(2V640Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	640Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 29.4 Kg Approx. including electrolyte 37.0 Kg
High Rate Discharge Current	640 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	96.0 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)	141mm×158mm×546mm×576mm(Total High)



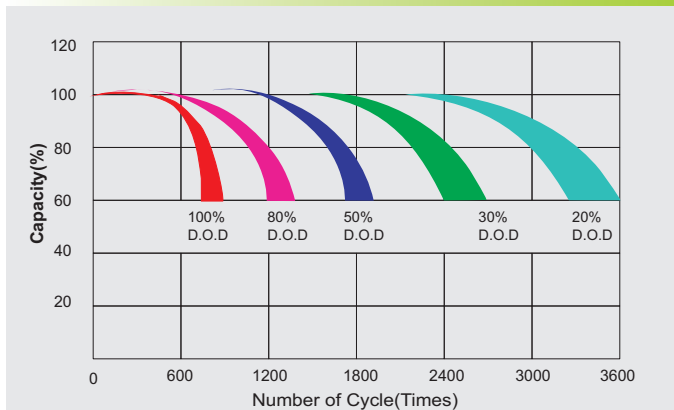
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	606.3	424.5	246.0	184.2	150.3	134.8	116.8	91.0	75.1
1.65V	592.4	414.8	240.3	180.0	146.8	131.7	114.1	88.9	73.4
1.70V	575.8	403.2	233.6	174.9	142.7	128.0	110.9	86.4	71.4
1.75V	553.8	387.7	224.6	168.2	137.2	123.1	106.7	83.1	68.6
1.80V	528.7	370.2	214.5	160.6	131.1	117.5	101.9	79.3	65.5
1.85V	500.9	350.9	203.3	152.2	124.2	111.4	96.5	75.2	62.1

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1133.9	817.6	483.2	365.3	298.5	268.0	232.3	181.0	149.6
1.65V	1113.6	800.7	473.2	358.5	292.7	262.7	227.7	177.5	146.7
1.70V	1094.9	779.5	460.6	349.6	285.2	256.0	221.9	172.8	142.7
1.75V	1053.9	749.8	443.1	336.1	274.2	246.2	213.3	166.2	137.2
1.80V	1007.2	719.8	425.4	321.0	262.1	235.1	203.7	158.7	131.1
1.85V	959.8	687.3	406.2	304.5	248.4	222.8	193.1	150.4	124.2

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

