

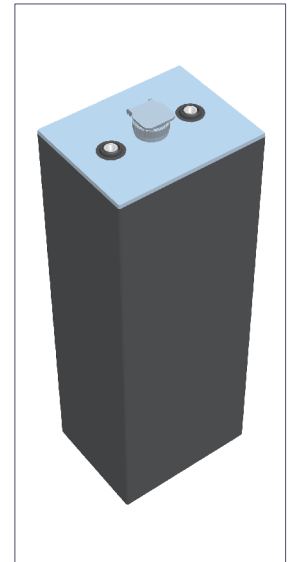
8PzS 840

(2V840Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	840Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 35.3 Kg Approx. including electrolyte 45.3 Kg
High Rate Discharge Current	840 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	126.0 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×504mm×534mm(Total High)



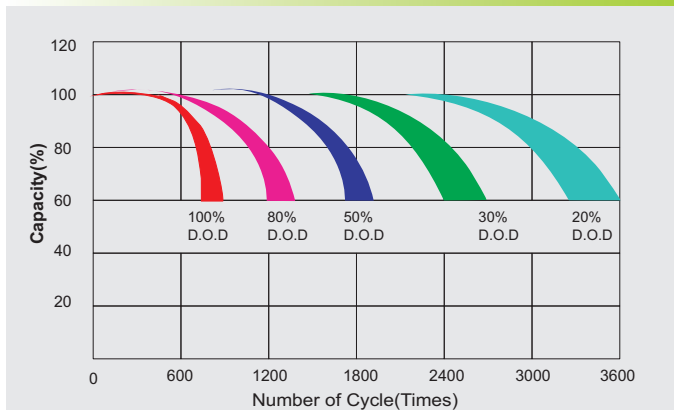
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	795.8	557.2	322.8	241.7	197.2	176.9	153.3	119.4	98.6
1.65V	777.5	544.5	315.4	236.2	192.7	172.8	149.8	116.7	96.4
1.70V	755.7	529.2	306.6	229.6	187.3	168.0	145.6	113.4	93.7
1.75V	726.9	508.8	294.8	220.8	180.1	161.5	140.0	109.0	90.1
1.80V	693.9	485.9	281.5	210.8	172.0	154.3	133.7	104.1	86.0
1.85V	657.4	460.5	266.8	199.8	163.0	146.2	126.7	98.7	81.5

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1488.2	1073.1	634.1	479.4	391.8	351.7	304.9	237.6	196.4
1.65V	1461.5	1050.9	621.0	470.5	384.2	344.8	298.9	233.0	192.6
1.70V	1437.1	1023.0	604.6	458.8	374.3	336.0	291.2	226.8	187.3
1.75V	1383.2	984.1	581.5	441.2	359.9	323.1	280.0	218.1	180.1
1.80V	1321.9	944.8	558.3	421.3	344.0	308.5	267.4	208.3	172.0
1.85V	1259.8	902.1	533.1	399.6	326.0	292.4	253.4	197.4	163.0

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

