

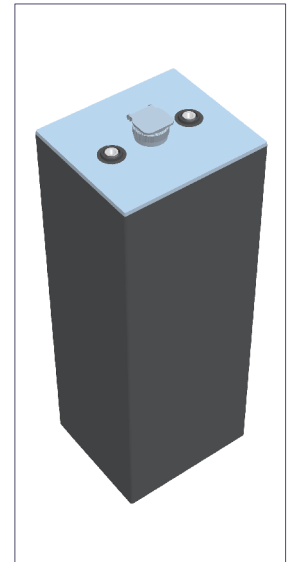
9PzS 540

(2V540Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	540Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 25.9 Kg Approx. including electrolyte 32.4 Kg
High Rate Discharge Current	540 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	81.0 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)	174mm×198mm×340mm×370mm(Total High)



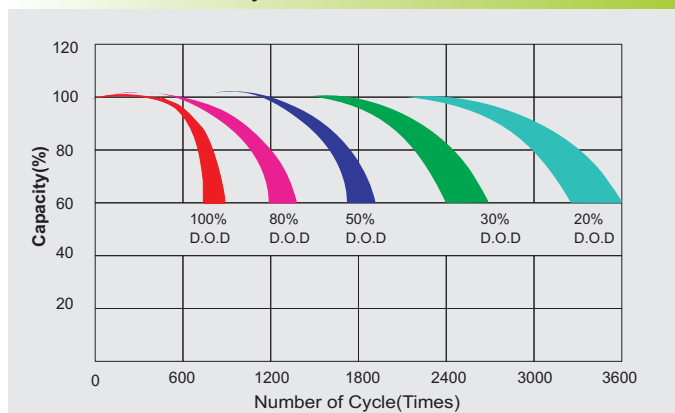
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	511.6	358.2	207.5	155.4	126.8	113.7	98.6	76.8	63.4
1.65V	499.8	350.0	202.8	151.9	123.9	111.1	96.3	75.0	61.9
1.70V	485.8	340.2	197.1	147.6	120.4	108.0	93.6	72.9	60.2
1.75V	467.3	327.1	189.5	141.9	115.8	103.8	90.0	70.1	57.9
1.80V	446.1	312.4	181.0	135.5	110.6	99.2	86.0	66.9	55.3
1.85V	422.6	296.0	171.5	128.4	104.8	94.0	81.5	63.4	52.4

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	956.7	689.8	407.7	308.2	251.9	226.1	196.0	152.7	126.3
1.65V	939.6	675.6	399.2	302.5	247.0	221.7	192.2	149.8	123.8
1.70V	923.8	657.7	388.7	294.9	240.6	216.0	187.2	145.8	120.4
1.75V	889.2	632.6	373.8	283.6	231.4	207.7	180.0	140.2	115.8
1.80V	849.8	607.4	358.9	270.8	221.2	198.3	171.9	133.9	110.6
1.85V	809.8	579.9	342.7	256.9	209.6	188.0	162.9	126.9	104.8

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

