

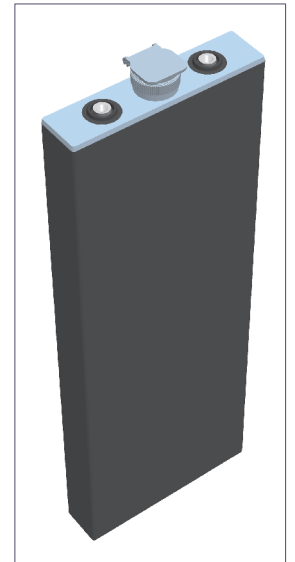
2PzS 120

(2V120Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	120Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 7.4 Kg Approx. including electrolyte 8.8 Kg
High Rate Discharge Current	120 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	18.0 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)	47mm×198mm×340mm×370mm(Total High)



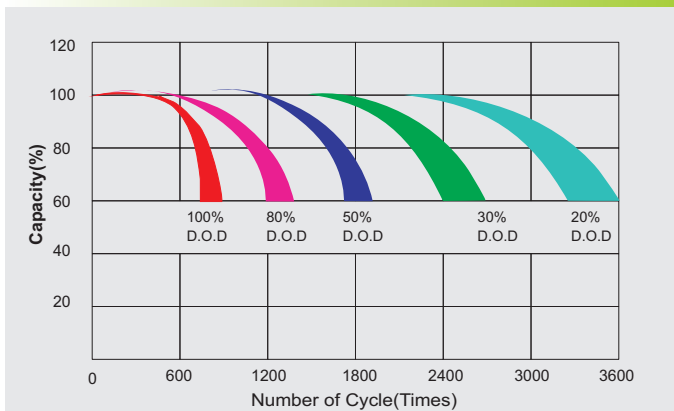
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	113.7	79.6	46.1	34.5	28.2	25.3	21.9	17.1	14.1
1.65V	111.1	77.8	45.1	33.7	27.5	24.7	21.4	16.7	13.8
1.70V	108.0	75.6	43.8	32.8	26.8	24.0	20.8	16.2	13.4
1.75V	103.8	72.7	42.1	31.5	25.7	23.1	20.0	15.6	12.9
1.80V	99.1	69.4	40.2	30.1	24.6	22.0	19.1	14.9	12.3
1.85V	93.9	65.8	38.1	28.5	23.3	20.9	18.1	14.1	11.6

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	212.6	153.3	90.6	68.5	56.0	50.2	43.6	33.9	28.1
1.65V	208.8	150.1	88.7	67.2	54.9	49.3	42.7	33.3	27.5
1.70V	205.3	146.1	86.4	65.5	53.5	48.0	41.6	32.4	26.8
1.75V	197.6	140.6	83.1	63.0	51.4	46.2	40.0	31.2	25.7
1.80V	188.8	135.0	79.8	60.2	49.1	44.1	38.2	29.8	24.6
1.85V	180.0	128.9	76.2	57.1	46.6	41.8	36.2	28.2	23.3

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

