

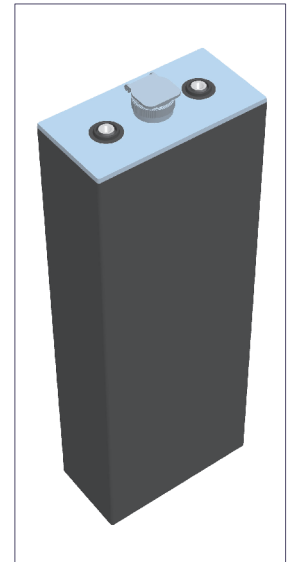
5PzS 300

(2V300Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	300Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 15.2 Kg Approx. including electrolyte 18.8 Kg
High Rate Discharge Current	300 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	45.0 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)	101mm×198mm×340mm×370mm(Total High)



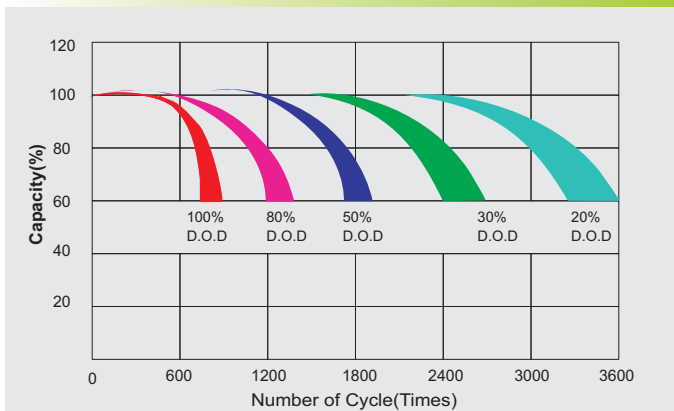
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	284.2	199.0	115.3	86.3	70.4	63.2	54.8	42.6	35.2
1.65V	277.7	194.5	112.7	84.4	68.8	61.7	53.5	41.7	34.4
1.70V	269.9	189.0	109.5	82.0	66.9	60.0	52.0	40.5	33.5
1.75V	259.6	181.7	105.3	78.8	64.3	57.7	50.0	38.9	32.2
1.80V	247.8	173.6	100.6	75.3	61.4	55.1	47.8	37.2	30.7
1.85V	234.8	164.5	95.3	71.4	58.2	52.2	45.3	35.2	29.1

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	531.5	383.2	226.5	171.2	139.9	125.6	108.9	84.9	70.1
1.65V	522.0	375.3	221.8	168.0	137.2	123.2	106.8	83.2	68.8
1.70V	513.2	365.4	215.9	163.9	133.7	120.0	104.0	81.0	66.9
1.75V	494.0	351.5	207.7	157.6	128.5	115.4	100.0	77.9	64.3
1.80V	472.1	337.4	199.4	150.5	122.9	110.2	95.5	74.4	61.4
1.85V	449.9	322.2	190.4	142.7	116.4	104.4	90.5	70.5	58.2

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

