

D-395

(2V385Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	385Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. including electrolyte 22.5 Kg
High Rate Discharge Current	385 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	57.8 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	D3(Bolt M10) & D4(Lead Welding Terminals)
Dimensions (L×W×H×TH)	180mm×138mm×405mm×450mm(Total High)



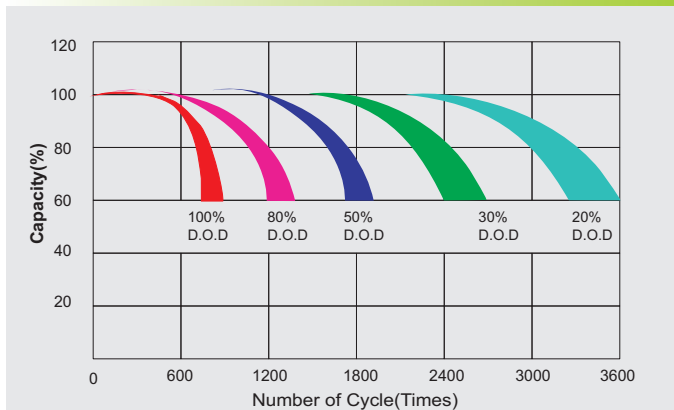
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	364.7	255.4	148.0	110.8	90.4	81.1	70.3	54.7	45.2
1.65V	356.4	249.5	144.6	108.3	88.3	79.2	68.7	53.5	44.2
1.70V	346.4	242.6	140.5	105.2	85.9	77.0	66.7	52.0	42.9
1.75V	333.2	233.2	135.1	101.2	82.6	74.0	64.2	50.0	41.3
1.80V	318.0	222.7	129.0	96.6	78.8	70.7	61.3	47.7	39.4
1.85V	301.3	211.1	122.3	91.6	74.7	67.0	58.1	45.2	37.4

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	682.1	491.8	290.6	219.7	179.6	161.2	139.7	108.9	90.0
1.65V	669.9	481.7	284.6	215.6	176.1	158.0	137.0	106.8	88.3
1.70V	658.7	468.9	277.1	210.3	171.6	154.0	133.5	104.0	85.9
1.75V	634.0	451.0	266.5	202.2	165.0	148.1	128.3	100.0	82.6
1.80V	605.9	433.0	255.9	193.1	157.7	141.4	122.6	95.5	78.8
1.85V	577.4	413.5	244.3	183.1	149.4	134.0	116.1	90.5	74.7

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

