

D-440

(2V440Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	440Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. including electrolyte 27.0 Kg
High Rate Discharge Current	440 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	66.0 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	D3(Bolt M10) & D4(Lead Welding Terminals)
Dimensions (L×W×H×TH)	180mm×176mm×400mm×450mm(Total High)



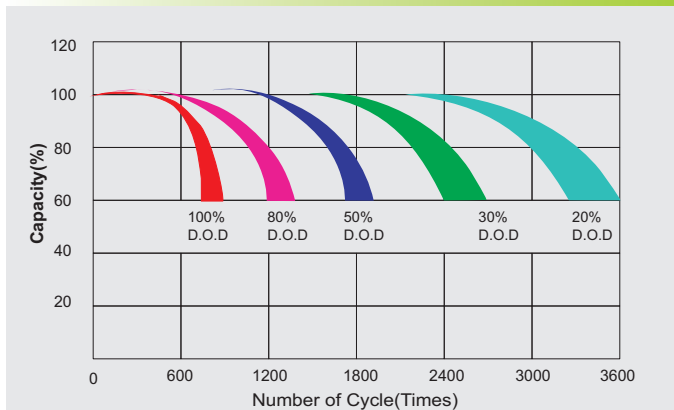
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	416.8	291.9	169.1	126.6	103.3	92.65	80.30	62.54	51.65
1.65V	407.3	285.2	165.2	123.7	101.0	90.54	78.47	61.11	50.48
1.70V	395.9	277.2	160.6	120.3	98.1	88.00	76.27	59.40	49.06
1.75V	380.8	266.5	154.4	115.6	94.35	84.62	73.33	57.12	47.17
1.80V	363.5	254.5	147.5	110.4	90.10	80.81	70.03	54.55	45.05
1.85V	344.3	241.2	139.8	104.7	85.38	76.58	66.37	51.69	42.69

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	779.5	562.1	332.2	251.1	205.2	184.2	159.7	124.5	102.9
1.65V	765.6	550.5	325.3	246.4	201.2	180.6	156.6	122.0	100.9
1.70V	752.8	535.9	316.7	240.3	196.1	176.0	152.5	118.8	98.1
1.75V	724.5	515.5	304.6	231.1	188.5	169.2	146.7	114.2	94.35
1.80V	692.4	494.9	292.5	220.7	180.2	161.6	140.1	109.1	90.10
1.85V	659.9	472.5	279.2	209.3	170.8	153.2	132.7	103.4	85.38

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

