

D-700KT

(2V700Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	700Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. including electrolyte 42.0 Kg
High Rate Discharge Current	700 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	105.0 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	D1(Lead welding Terminals)
Dimensions (L×W×H×TH)	173mm×158mm×490mm×510mm(Total High)



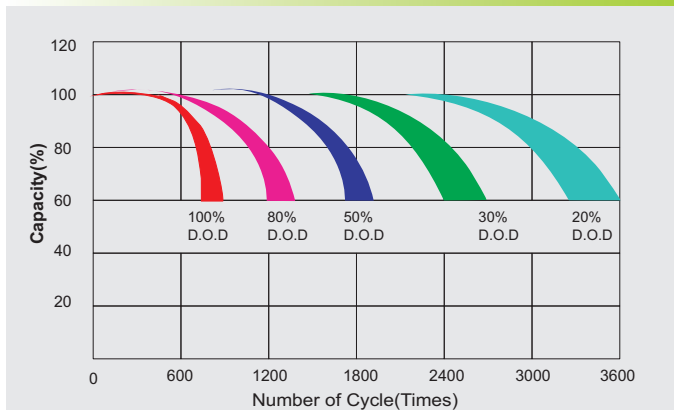
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	663.1	464.3	269.0	201.5	164.4	147.4	127.8	99.5	82.2
1.65V	647.9	453.7	262.9	196.9	160.6	144.0	124.8	97.2	80.3
1.70V	629.8	441.0	255.5	191.3	156.1	140.0	121.3	94.5	78.1
1.75V	605.8	424.0	245.7	184.0	150.1	134.6	116.7	90.9	75.0
1.80V	578.3	405.0	234.6	175.7	143.3	128.6	111.4	86.8	71.7
1.85V	547.8	383.8	222.3	166.5	135.8	121.8	105.6	82.2	67.9

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1240.2	894.2	528.4	399.5	326.5	293.1	254.1	198.0	163.7
1.65V	1217.9	875.8	517.5	392.1	320.1	287.4	249.1	194.1	160.5
1.70V	1197.6	852.5	503.8	382.3	311.9	280.0	242.7	189.0	156.1
1.75V	1152.7	820.1	484.6	367.6	299.9	269.2	233.3	181.7	150.1
1.80V	1101.6	787.3	465.3	351.1	286.7	257.1	222.8	173.6	143.3
1.85V	1049.8	751.7	444.2	333.0	271.7	243.7	211.2	164.5	135.8

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

