

D-700KT

(2V700Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	700Ah@5hr-rate to 1.75V per cell @25°C
Weight	Approx. without electrolyte 31.0 Kg Approx. including electrolyte 42.0 Kg
Max. Discharge Current	3500 A (5 sec)
Operating Temperature Range	Discharge: -40°C~60°C Charge: -40°C~50°C Storage: -40°C~60°C
Optimal Operating Temperature Range	25°C ± 5°C
Maximum Charging Current	140A
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	Lead welding Terminals
Dimensions (L×W×H×TH)	173mm×158mm×490mm×510mm(Total High)



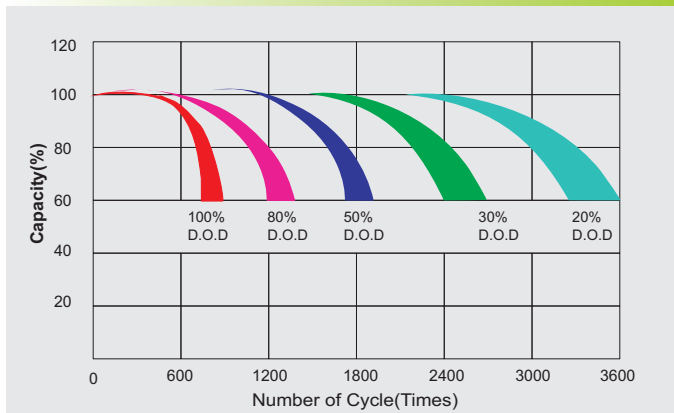
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	793.1	482.9	279.8	209.5	170.9	153.3	132.9	103.5	85.5
1.65V	774.9	471.9	273.4	204.7	167.0	149.8	129.8	101.1	83.5
1.70V	753.2	458.6	265.7	199.0	162.3	145.6	126.2	98.3	81.2
1.75V	724.5	441.0	255.5	191.3	156.1	140.0	121.3	94.5	78.1
1.80V	691.6	421.2	244.0	182.7	149.1	133.7	115.9	90.2	74.5
1.85V	655.2	399.1	231.2	173.2	141.3	126.7	109.8	85.5	70.6

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1483	930	550	416	340	305	264	206	170
1.65V	1457	911	538	408	333	299	259	202	167
1.70V	1432	887	524	398	324	291	252	197	162
1.75V	1379	853	504	382	312	280	243	189	156
1.80V	1317	819	484	365	298	267	232	180	149
1.85V	1256	782	462	346	283	253	220	171	141

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

