

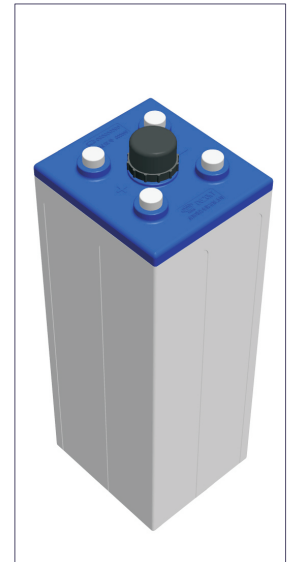
# D-620KT

(2V620Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	620Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. including electrolyte 37.0 Kg
High Rate Discharge Current	620 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	93.0 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)	177mm×160mm×470mm×510mm(Total High)



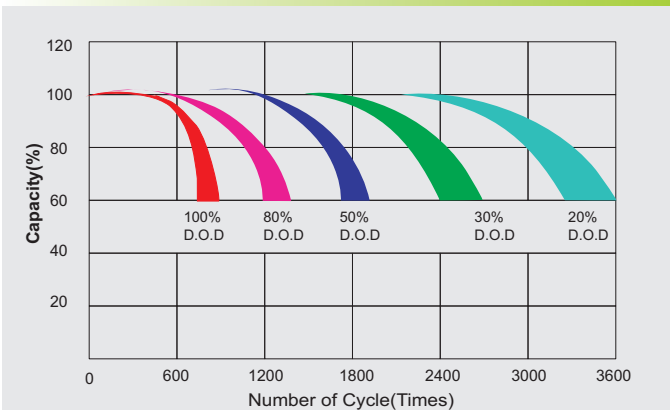
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	587.3	411.3	238.3	178.4	145.6	130.6	113.2	88.1	72.8
1.65V	573.9	401.9	232.8	174.4	142.2	127.6	110.6	86.1	71.1
1.70V	557.8	390.6	226.3	169.5	138.3	124.0	107.5	83.7	69.1
1.75V	536.5	375.6	217.6	162.9	132.9	119.2	103.3	80.5	66.5
1.80V	512.2	358.7	207.8	155.6	127.0	113.9	98.7	76.9	63.5
1.85V	485.2	339.9	196.9	147.5	120.3	107.9	93.5	72.8	60.2

## Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1098.5	792.0	468.1	353.9	289.2	259.6	225.0	175.4	145.0
1.65V	1078.8	775.7	458.4	347.3	283.5	254.5	220.6	171.9	142.1
1.70V	1060.7	755.1	446.2	338.6	276.3	248.0	214.9	167.4	138.3
1.75V	1020.9	726.4	429.2	325.6	265.7	238.5	206.7	161.0	132.9
1.80V	975.7	697.3	412.1	311.0	253.9	227.7	197.4	153.7	127.0
1.85V	929.8	665.8	393.5	294.9	240.6	215.8	187.0	145.7	120.3

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

