

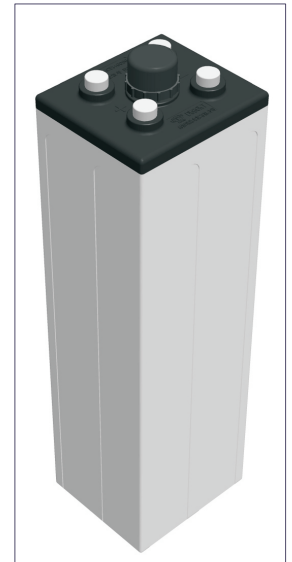
# D-560KTH

(2V560Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	560Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. including electrolyte 36.0 Kg
High Rate Discharge Current	560 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	84.0 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)	164mm×146mm×530mm×580mm(Total High)



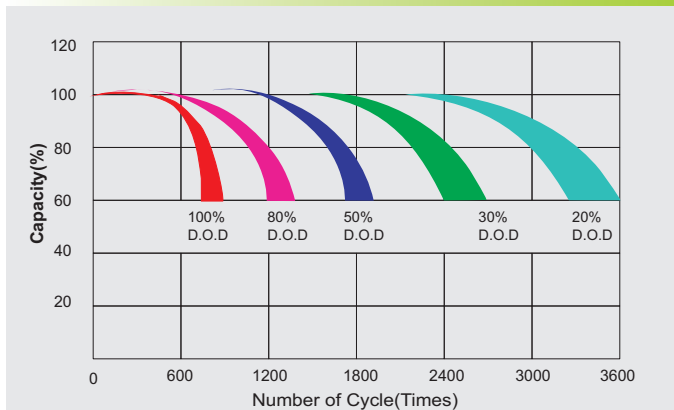
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	530.5	371.5	215.2	161.2	131.5	117.9	102.2	79.6	65.7
1.65V	518.3	363.0	210.3	157.5	128.5	115.2	99.9	77.8	64.2
1.70V	503.8	352.8	204.4	153.1	124.9	112.0	97.1	75.6	62.4
1.75V	484.6	339.2	196.5	147.2	120.1	107.7	93.3	72.7	60.0
1.80V	462.6	324.0	187.7	140.6	114.7	102.8	89.1	69.4	57.3
1.85V	438.3	307.0	177.9	133.2	108.7	97.5	84.5	65.8	54.3

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	992.1	715.4	422.8	319.6	261.2	234.5	203.3	158.4	130.9
1.65V	974.4	700.6	414.0	313.7	256.1	229.9	199.3	155.3	128.4
1.70V	958.1	682.0	403.1	305.9	249.5	224.0	194.1	151.2	124.9
1.75V	922.1	656.1	387.7	294.1	239.9	215.4	186.7	145.4	120.1
1.80V	881.3	629.9	372.2	280.9	229.3	205.7	178.3	138.8	114.7
1.85V	839.8	601.4	355.4	266.4	217.3	194.9	168.9	131.6	108.7

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

