

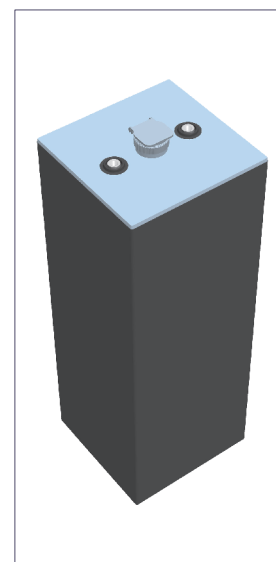
# 10PzS 1050

(2V1050Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	1050Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 42.9 Kg Approx. including electrolyte 55.5 Kg
High Rate Discharge Current	1050 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	157.5 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	D2(M10 Copper Terminals) & D4(Lead Terminals)
Dimensions (L×W×H×TH)	192mm×198mm×504mm×534mm(Total High)



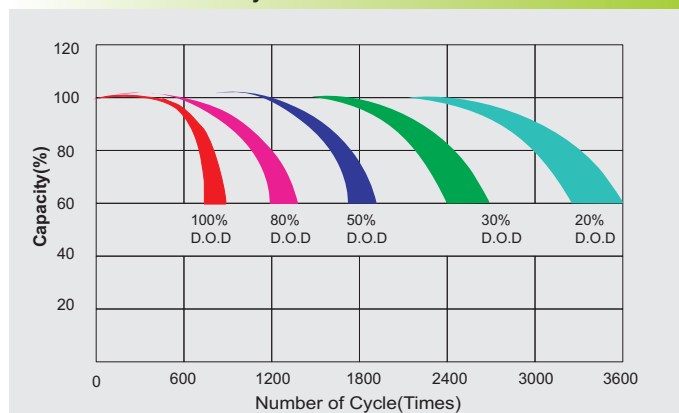
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	994.7	696.5	403.5	302.2	246.5	221.1	191.6	149.2	123.3
1.65V	971.9	680.6	394.3	295.3	240.9	216.1	187.3	145.8	120.5
1.70V	944.7	661.5	383.3	287.0	234.2	210.0	182.0	141.8	117.1
1.75V	908.7	636.1	368.5	276.0	225.1	201.9	175.0	136.3	112.6
1.80V	867.4	607.4	351.9	263.5	215.0	192.8	167.1	130.2	107.5
1.85V	821.7	575.6	333.5	249.7	203.8	182.7	158.4	123.3	101.9

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1860.3	1341.4	792.7	599.3	489.8	439.6	381.1	297.0	245.5
1.65V	1826.9	1313.7	776.3	588.1	480.2	431.0	373.6	291.2	240.7
1.70V	1796.4	1278.8	755.7	573.5	467.9	420.0	364.0	283.5	234.2
1.75V	1729.0	1230.1	726.9	551.5	449.9	403.8	350.0	272.6	225.1
1.80V	1652.4	1181.0	697.9	526.6	430.0	385.7	334.3	260.3	215.0
1.85V	1574.7	1127.6	666.4	499.5	407.5	365.5	316.8	246.7	203.8

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

