

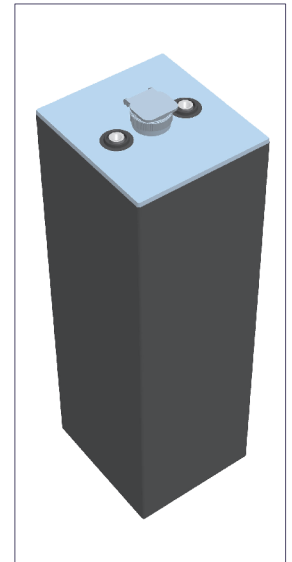
# 10PzB 650

(2V650Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	650Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 28.7 Kg Approx. including electrolyte 36.5 Kg
High Rate Discharge Current	650 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	97.5 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)	173mm×158mm×454mm×484mm(Total High)



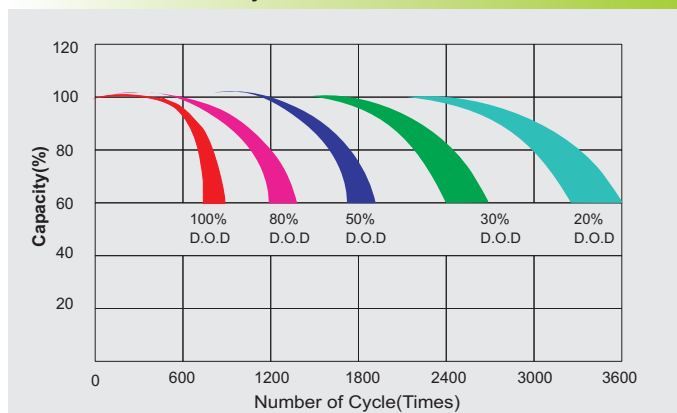
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	615.8	431.2	249.8	187.1	152.6	136.9	118.6	92.4	76.3
1.65V	601.6	421.3	244.1	182.8	149.1	133.8	115.9	90.3	74.6
1.70V	584.8	409.5	237.3	177.7	145.0	130.0	112.7	87.8	72.5
1.75V	562.5	393.8	228.1	170.8	139.4	125.0	108.3	84.4	69.7
1.80V	537.0	376.0	217.9	163.1	133.1	119.4	103.5	80.6	66.6
1.85V	508.7	356.3	206.5	154.6	126.1	113.1	98.0	76.4	63.1

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1151.6	830.4	490.7	371.0	303.2	272.1	235.9	183.9	152.0
1.65V	1131.0	813.2	480.6	364.1	297.3	266.8	231.3	180.3	149.0
1.70V	1112.0	791.6	467.8	355.0	289.7	260.0	225.3	175.5	145.0
1.75V	1070.3	761.5	450.0	341.4	278.5	250.0	216.7	168.8	139.4
1.80V	1022.9	731.1	432.0	326.0	266.2	238.8	206.9	161.2	133.1
1.85V	974.8	698.0	412.5	309.2	252.3	226.3	196.1	152.7	126.1

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

