

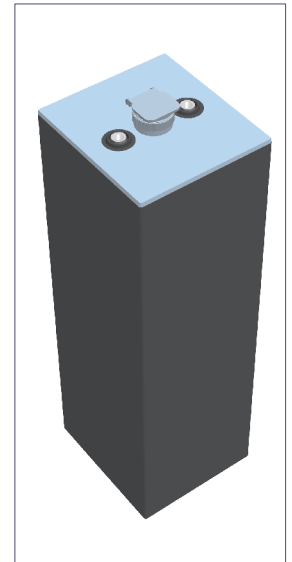
# 10PzB 550

(2V550Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	550Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 25.1 Kg Approx. including electrolyte 31.7 Kg
High Rate Discharge Current	550 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	82.5 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×398mm×428mm(Total High)



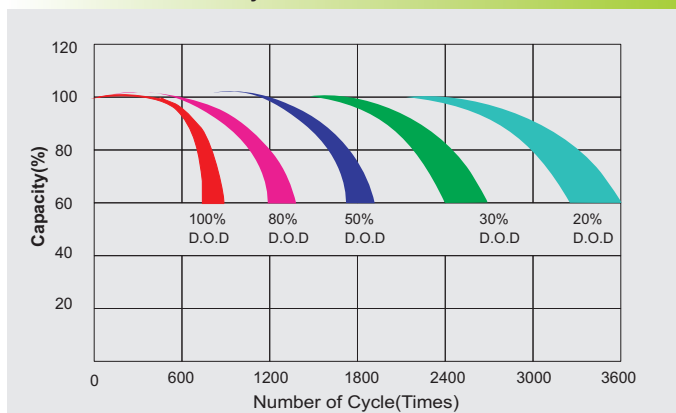
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	521.0	364.8	211.4	158.3	129.1	115.8	100.4	78.2	64.6
1.65V	509.1	356.5	206.5	154.7	126.2	113.2	98.1	76.4	63.1
1.70V	494.8	346.5	200.8	150.3	122.7	110.0	95.3	74.3	61.3
1.75V	476.0	333.2	193.0	144.6	117.9	105.8	91.7	71.4	59.0
1.80V	454.4	318.2	184.3	138.0	112.6	101.0	87.5	68.2	56.3
1.85V	430.4	301.5	174.7	130.8	106.7	95.7	83.0	64.6	53.4

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	974.4	702.6	415.2	313.9	256.6	230.3	199.6	155.6	128.6
1.65V	957.0	688.1	406.6	308.1	251.5	225.8	195.7	152.5	126.1
1.70V	940.9	669.9	395.9	300.4	245.1	220.0	190.7	148.5	122.7
1.75V	905.7	644.4	380.8	288.9	235.7	211.5	183.3	142.8	117.9
1.80V	865.5	618.6	365.6	275.9	225.3	202.0	175.1	136.4	112.6
1.85V	824.8	590.7	349.1	261.6	213.5	191.4	165.9	129.2	106.7

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

