

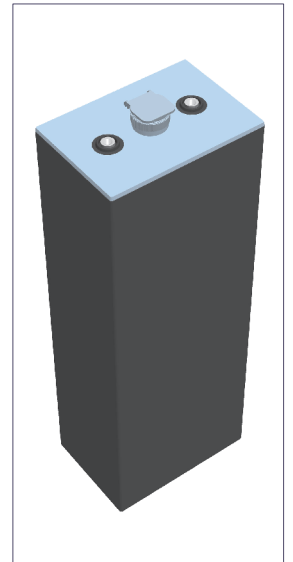
# 7PzS 630

(2V630Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	630Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 27.6 Kg Approx. including electrolyte 35.0 Kg
High Rate Discharge Current	630 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	94.5 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)	137mm×198mm×475mm×505mm(Total High)



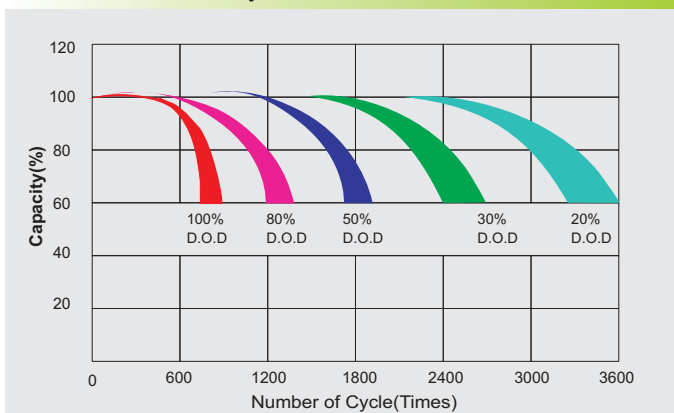
## Constant Current Discharge Characteristics : A(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	596.8	417.9	242.1	181.3	147.9	132.7	115.0	89.5	74.0
1.65V	583.1	408.3	236.6	177.2	144.5	129.6	112.4	87.5	72.3
1.70V	566.8	396.9	230.0	172.2	140.5	126.0	109.2	85.1	70.2
1.75V	545.2	381.6	221.1	165.6	135.1	121.2	105.0	81.8	67.5
1.80V	520.4	364.5	211.2	158.1	129.0	115.7	100.3	78.1	64.5
1.85V	493.0	345.4	200.1	149.8	122.3	109.6	95.0	74.0	61.1

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1116.2	804.8	475.6	359.6	293.9	263.8	228.7	178.2	147.3
1.65V	1096.2	788.2	465.8	352.9	288.1	258.6	224.2	174.7	144.4
1.70V	1077.8	767.3	453.4	344.1	280.7	252.0	218.4	170.1	140.5
1.75V	1037.4	738.1	436.2	330.9	269.9	242.3	210.0	163.6	135.1
1.80V	991.4	708.6	418.7	316.0	258.0	231.4	200.6	156.2	129.0
1.85V	944.8	676.6	399.8	299.7	244.5	219.3	190.1	148.0	122.3

## Life characteristics of cyclic use



## Charge characteristic Curve for cycle use

