

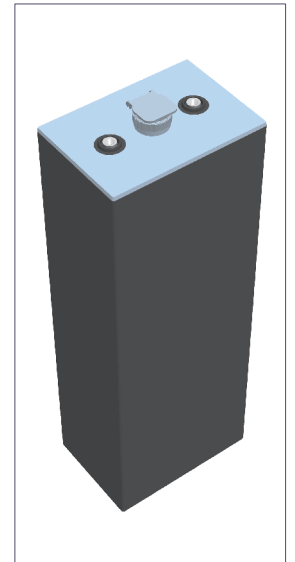
# 7PzS 735

(2V735Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	735Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 30.9 Kg Approx. including electrolyte 39.7 Kg
High Rate Discharge Current	735 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	110.3 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×504mm×534mm(Total High)



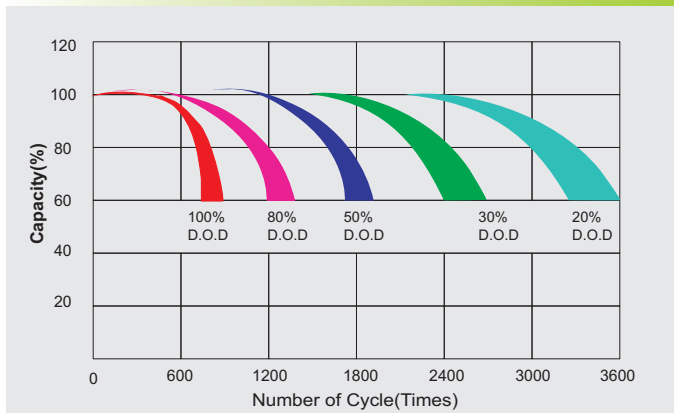
### Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	696.3	487.5	282.5	211.5	172.6	154.8	134.1	104.5	86.3
1.65V	680.3	476.4	276.0	206.7	168.6	151.2	131.1	102.1	84.3
1.70V	661.3	463.1	268.3	200.9	163.9	147.0	127.4	99.2	82.0
1.75V	636.1	445.2	258.0	193.2	157.6	141.3	122.5	95.4	78.8
1.80V	607.2	425.2	246.3	184.5	150.5	135.0	117.0	91.1	75.3
1.85V	575.2	402.9	233.5	174.8	142.6	127.9	110.9	86.3	71.3

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

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	1302.2	938.9	554.9	419.5	342.9	307.7	266.8	207.9	171.9
1.65V	1278.8	919.6	543.4	411.7	336.1	301.7	261.5	203.8	168.5
1.70V	1257.4	895.2	529.0	401.5	327.5	294.0	254.8	198.5	163.9
1.75V	1210.3	861.1	508.8	386.0	314.9	282.7	245.0	190.8	157.6
1.80V	1156.7	826.7	488.5	368.6	301.0	270.0	234.0	182.2	150.5
1.85V	1102.3	789.3	466.5	349.6	285.3	255.8	221.7	172.7	142.6

### Life characteristics of cyclic use



### Charge characteristic Curve for cycle use

