

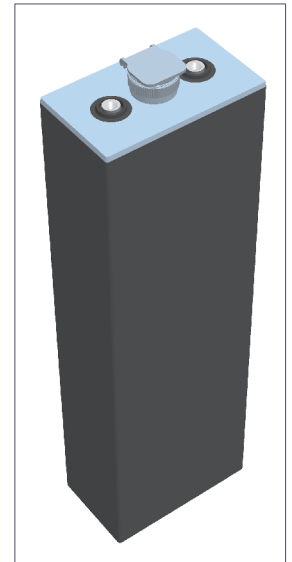
5PzB 425

(2V425Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	425Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 20.6 Kg Approx. including electrolyte 25.7 Kg
High Rate Discharge Current	425 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	63.8 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)	93mm×158mm×567mm×597mm(Total High)



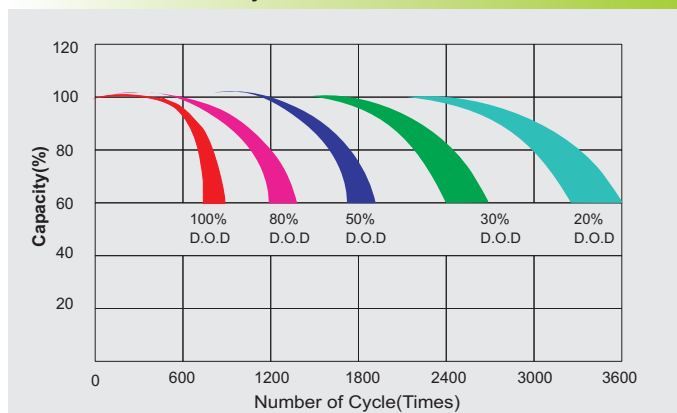
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	402.6	281.9	163.3	122.3	99.8	89.5	77.6	60.4	49.9
1.65V	393.4	275.5	159.6	119.5	97.5	87.5	75.8	59.0	48.8
1.70V	382.4	267.8	155.1	116.2	94.8	85.0	73.7	57.4	47.4
1.75V	367.8	257.5	149.2	111.7	91.1	81.7	70.8	55.2	45.6
1.80V	351.1	245.9	142.4	106.7	87.0	78.1	67.6	52.7	43.5
1.85V	332.6	233.0	135.0	101.1	82.5	74.0	64.1	49.9	41.2

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	753.0	542.9	320.8	242.6	198.2	177.9	154.3	120.2	99.4
1.65V	739.5	531.7	314.2	238.0	194.4	174.5	151.2	117.9	97.4
1.70V	727.1	517.6	305.9	232.1	189.4	170.0	147.3	114.8	94.8
1.75V	699.8	497.9	294.2	223.2	182.1	163.5	141.7	110.3	91.1
1.80V	668.8	478.0	282.5	213.2	174.1	156.1	135.3	105.4	87.0
1.85V	637.4	456.4	269.7	202.2	164.9	147.9	128.2	99.9	82.5

Life characteristics of cyclic use



Charge characteristic Curve for standby use

