

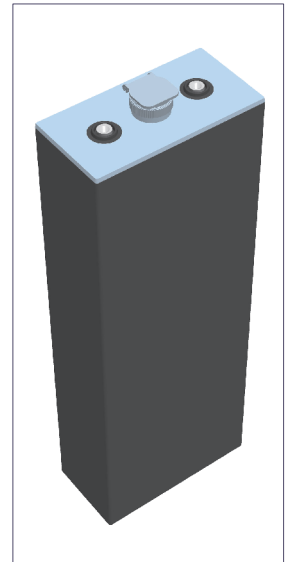
5PzS 400

(2V400Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	400Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 18.9 Kg Approx. including electrolyte 23.7 Kg
High Rate Discharge Current	400 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	60.0 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)	101mm×198mm×405mm×435mm(Total High)



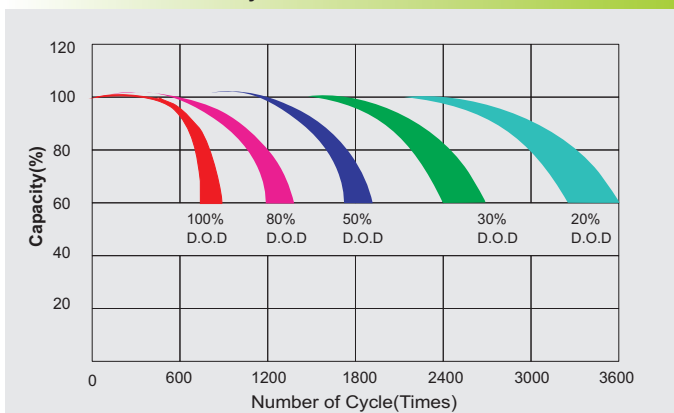
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	378.9	265.3	153.7	115.1	93.9	84.2	73.0	56.9	47.0
1.65V	370.2	259.3	150.2	112.5	91.8	82.3	71.3	55.6	45.9
1.70V	359.9	252.0	146.0	109.3	89.2	80.0	69.3	54.0	44.6
1.75V	346.2	242.3	140.4	105.1	85.8	76.9	66.7	51.9	42.9
1.80V	330.4	231.4	134.1	100.4	81.9	73.5	63.7	49.6	41.0
1.85V	313.0	219.3	127.0	95.1	77.6	69.6	60.3	47.0	38.8

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	708.7	511.0	302.0	228.3	186.6	167.5	145.2	113.1	93.5
1.65V	696.0	500.4	295.7	224.0	182.9	164.2	142.3	110.9	91.7
1.70V	684.3	487.2	287.9	218.5	178.2	160.0	138.7	108.0	89.2
1.75V	658.7	468.6	276.9	210.1	171.4	153.8	133.3	103.8	85.8
1.80V	629.5	449.9	265.9	200.6	163.8	146.9	127.3	99.2	81.9
1.85V	599.9	429.6	253.9	190.3	155.2	139.2	120.7	94.0	77.6

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

