

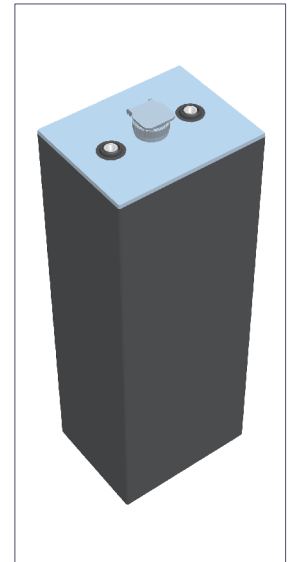
8PzS 480

(2V480Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	480Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 23.5 Kg Approx. including electrolyte 29.2 Kg
High Rate Discharge Current	480 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	72.0 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)	155mm×198mm×340mm×370mm(Total High)



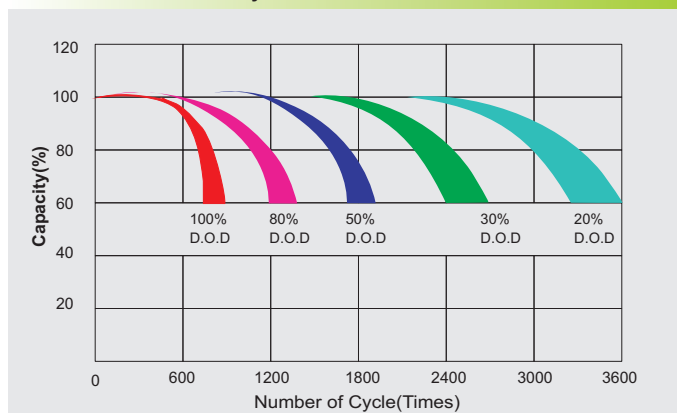
Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	454.7	318.4	184.5	138.1	112.7	101.1	87.6	68.2	56.4
1.65V	444.3	311.1	180.3	135.0	110.1	98.8	85.6	66.7	55.1
1.70V	431.8	302.4	175.2	131.2	107.0	96.0	83.2	64.8	53.5
1.75V	415.4	290.8	168.5	126.2	102.9	92.3	80.0	62.3	51.5
1.80V	396.5	277.7	160.9	120.5	98.3	88.2	76.4	59.5	49.1
1.85V	375.7	263.1	152.5	114.2	93.1	83.5	72.4	56.4	46.6

Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	850.4	613.2	362.4	274.0	223.9	201.0	174.2	135.8	112.2
1.65V	835.2	600.5	354.9	268.8	219.5	197.0	170.8	133.1	110.0
1.70V	821.2	584.6	345.5	262.2	213.9	192.0	166.4	129.6	107.0
1.75V	790.4	562.3	332.3	252.1	205.7	184.6	160.0	124.6	102.9
1.80V	755.4	539.9	319.0	240.7	196.6	176.3	152.8	119.0	98.3
1.85V	719.9	515.5	304.6	228.3	186.3	167.1	144.8	112.8	93.1

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

