

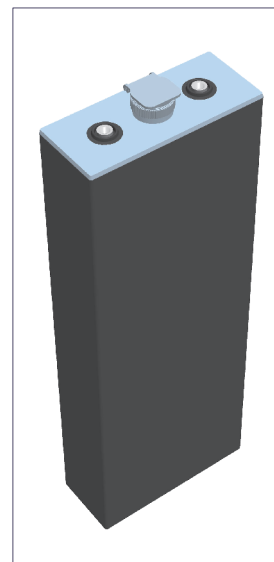
4PzS 460

(2V460Ah/5HR)



Specification

Voltage Per Unit	2V(single cell)
Capacity	460Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 20.8 Kg Approx. including electrolyte 26.3 Kg
High Rate Discharge Current	460 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	69.0 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)	83mm×198mm×545mm×575mm(Total High)



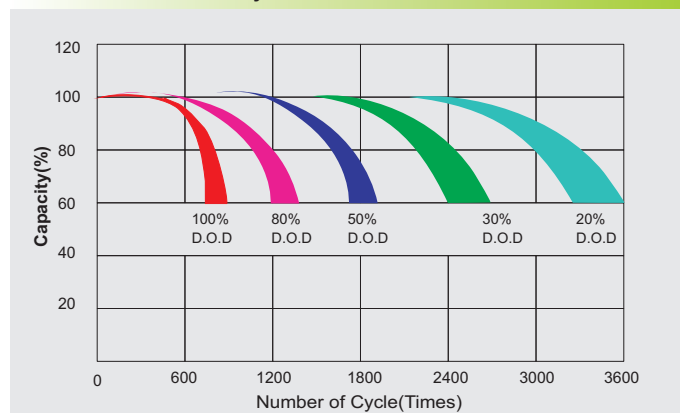
Constant Current Discharge Characteristics : A(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	435.8	305.1	176.8	132.4	108.0	96.9	84.0	65.4	54.0
1.65V	425.8	298.2	172.7	129.4	105.5	94.7	82.0	63.9	52.8
1.70V	413.8	289.8	167.9	125.7	102.6	92.0	79.7	62.1	51.3
1.75V	398.1	278.7	161.4	120.9	98.6	88.5	76.7	59.7	49.3
1.80V	380.0	266.1	154.2	115.5	94.2	84.5	73.2	57.0	47.1
1.85V	360.0	252.2	146.1	109.4	89.3	80.1	69.4	54.0	44.6

Constant Power Discharge Characteristics : W(25 °C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	815.0	587.6	347.3	262.6	214.6	192.6	167.0	130.1	107.6
1.65V	800.4	575.5	340.1	257.6	210.4	188.8	163.7	127.6	105.4
1.70V	787.0	560.2	331.1	251.3	205.0	184.0	159.5	124.2	102.6
1.75V	757.5	538.9	318.5	241.6	197.1	176.9	153.3	119.4	98.6
1.80V	723.9	517.4	305.7	230.7	188.4	169.0	146.4	114.0	94.2
1.85V	689.9	494.0	291.9	218.8	178.5	160.1	138.8	108.1	89.3

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

