

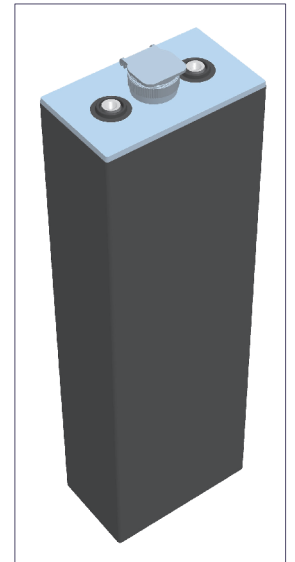
5PzB 400

(2V400Ah/5HR)



Specification

| | |
|-------------------------------------|--|
| Voltage Per Unit | 2V(single cell) |
| Capacity | 400Ah@5hr-rate to 1.70V per cell @25°C |
| Weight | Approx. without electrolyte 19.8 Kg Approx. including electrolyte 24.6 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) | 93mm×158mm×546mm×576mm(Total High) |



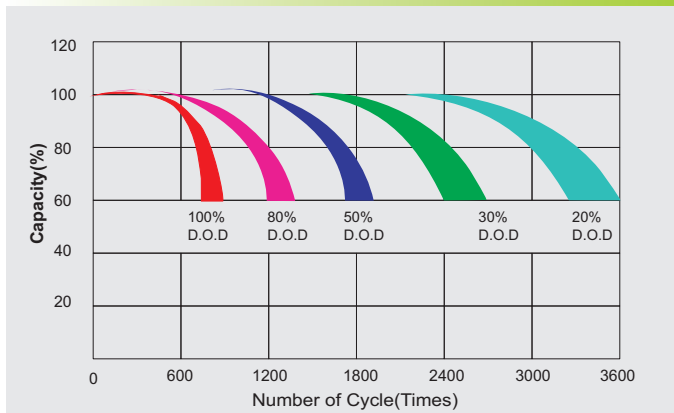
Constant Current Discharge Characteristics : A(25°C)

| 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

