

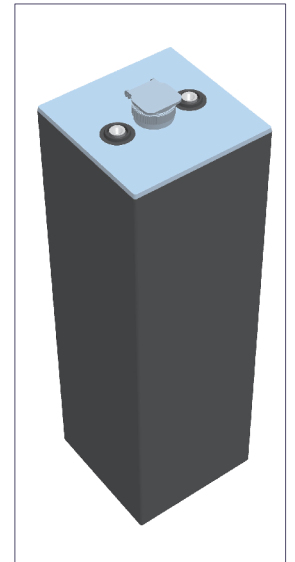
9PzB 495

(2V495Ah/5HR)



Specification

| | |
|-------------------------------------|--|
| Voltage Per Unit | 2V(single cell) |
| Capacity | 495Ah@5hr-rate to 1.70V per cell @25°C |
| Weight | Approx. without electrolyte 22.9 Kg Approx. including electrolyte 28.8 Kg |
| High Rate Discharge Current | 495 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 | 74.3 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) | 157mm×158mm×398mm×428mm(Total High) |



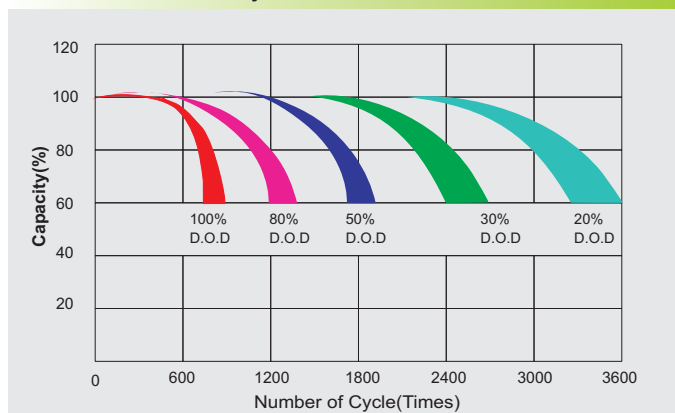
Constant Current Discharge Characteristics : A(25°C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|-------|-------|-------|-------|-------|-------|------|------|------|
| 1.60V | 468.9 | 328.3 | 190.2 | 142.5 | 116.2 | 104.2 | 90.3 | 70.4 | 58.1 |
| 1.65V | 458.2 | 320.8 | 185.9 | 139.2 | 113.6 | 101.9 | 88.3 | 68.8 | 56.8 |
| 1.70V | 445.3 | 311.9 | 180.7 | 135.3 | 110.4 | 99.0 | 85.8 | 66.8 | 55.2 |
| 1.75V | 428.4 | 299.9 | 173.7 | 130.1 | 106.1 | 95.2 | 82.5 | 64.3 | 53.1 |
| 1.80V | 408.9 | 286.4 | 165.9 | 124.2 | 101.4 | 90.9 | 78.8 | 61.4 | 50.7 |
| 1.85V | 387.4 | 271.4 | 157.2 | 117.7 | 96.1 | 86.1 | 74.7 | 58.2 | 48.0 |

Constant Power Discharge Characteristics : W(25°C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V | 877.0 | 632.4 | 373.7 | 282.5 | 230.9 | 207.3 | 179.7 | 140.0 | 115.7 |
| 1.65V | 861.3 | 619.3 | 366.0 | 277.3 | 226.4 | 203.2 | 176.1 | 137.3 | 113.5 |
| 1.70V | 846.9 | 602.9 | 356.3 | 270.4 | 220.6 | 198.0 | 171.6 | 133.7 | 110.4 |
| 1.75V | 815.1 | 579.9 | 342.7 | 260.0 | 212.1 | 190.4 | 165.0 | 128.5 | 106.1 |
| 1.80V | 779.0 | 556.7 | 329.0 | 248.3 | 202.7 | 181.8 | 157.6 | 122.7 | 101.4 |
| 1.85V | 742.4 | 531.6 | 314.1 | 235.5 | 192.1 | 172.3 | 149.3 | 116.3 | 96.1 |

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

