

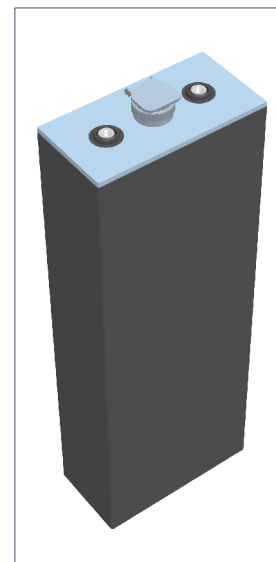
5PzS 525

(2V525Ah/5HR)



Specification

| | |
|-------------------------------------|--|
| Voltage Per Unit | 2V(single cell) |
| Capacity | 525Ah@5hr-rate to 1.70V per cell @25°C |
| Weight | Approx. without electrolyte 23.2 Kg Approx. including electrolyte 29.5 Kg |
| High Rate Discharge Current | 525 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 | 78.8 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×504mm×534mm(Total High) |



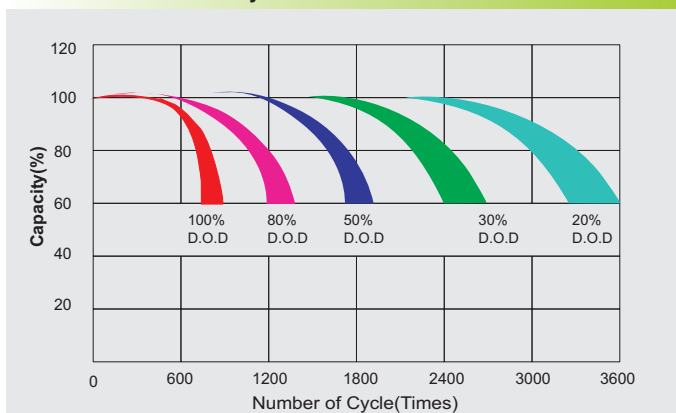
Constant Current Discharge Characteristics : A(25°C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|-------|-------|-------|-------|-------|-------|------|------|------|
| 1.60V | 497.3 | 348.2 | 201.8 | 151.1 | 123.3 | 110.6 | 95.8 | 74.6 | 61.6 |
| 1.65V | 485.9 | 340.3 | 197.2 | 147.6 | 120.5 | 108.0 | 93.6 | 72.9 | 60.2 |
| 1.70V | 472.3 | 330.8 | 191.6 | 143.5 | 117.1 | 105.0 | 91.0 | 70.9 | 58.5 |
| 1.75V | 454.3 | 318.0 | 184.3 | 138.0 | 112.6 | 101.0 | 87.5 | 68.1 | 56.3 |
| 1.80V | 433.7 | 303.7 | 176.0 | 131.8 | 107.5 | 96.4 | 83.6 | 65.1 | 53.8 |
| 1.85V | 410.9 | 287.8 | 166.8 | 124.9 | 101.9 | 91.4 | 79.2 | 61.7 | 50.9 |

Constant Power Discharge Characteristics : W(25°C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V | 930.1 | 670.7 | 396.3 | 299.7 | 244.9 | 219.8 | 190.6 | 148.5 | 122.8 |
| 1.65V | 913.5 | 656.8 | 388.2 | 294.1 | 240.1 | 215.5 | 186.8 | 145.6 | 120.3 |
| 1.70V | 898.2 | 639.4 | 377.9 | 286.8 | 234.0 | 210.0 | 182.0 | 141.8 | 117.1 |
| 1.75V | 864.5 | 615.1 | 363.5 | 275.7 | 225.0 | 201.9 | 175.0 | 136.3 | 112.6 |
| 1.80V | 826.2 | 590.5 | 349.0 | 263.3 | 215.0 | 192.8 | 167.1 | 130.2 | 107.5 |
| 1.85V | 787.4 | 563.8 | 333.2 | 249.7 | 203.8 | 182.7 | 158.4 | 123.3 | 101.9 |

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

