

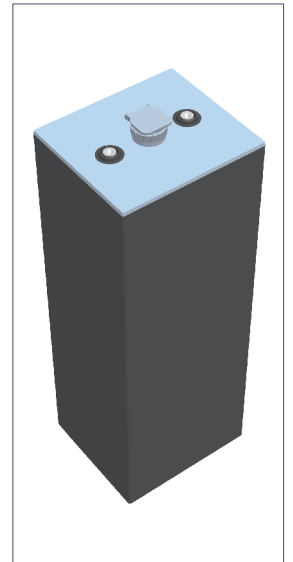
9PzS 1035

(2V1035Ah/5HR)



Specification

| | |
|-------------------------------------|--|
| Voltage Per Unit | 2V(single cell) |
| Capacity | 1035Ah@5hr-rate to 1.70V per cell @25°C |
| Weight | Approx. without electrolyte 41.9 Kg Approx. including electrolyte 54.3 Kg |
| High Rate Discharge Current | 1035 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 | 155.3 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) | 174mm×198mm×545mm×575mm(Total High) |



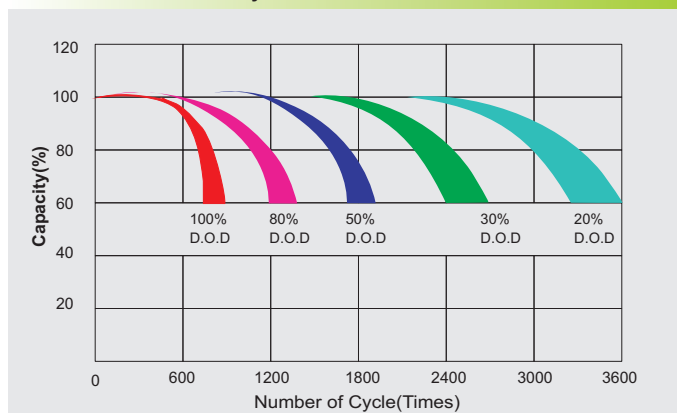
Constant Current Discharge Characteristics : A(25 °C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V | 980.5 | 686.5 | 397.8 | 297.9 | 243.0 | 217.9 | 188.9 | 147.1 | 121.5 |
| 1.65V | 958.0 | 670.9 | 388.7 | 291.1 | 237.5 | 213.0 | 184.6 | 143.8 | 118.7 |
| 1.70V | 931.2 | 652.1 | 377.8 | 282.9 | 230.8 | 207.0 | 179.4 | 139.7 | 115.4 |
| 1.75V | 895.7 | 627.0 | 363.2 | 272.0 | 221.9 | 199.0 | 172.5 | 134.4 | 111.0 |
| 1.80V | 855.0 | 598.8 | 346.9 | 259.8 | 211.9 | 190.1 | 164.7 | 128.3 | 106.0 |
| 1.85V | 810.0 | 567.4 | 328.7 | 246.2 | 200.8 | 180.1 | 156.1 | 121.6 | 100.4 |

Constant Power Discharge Characteristics : W(25 °C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V | 1833.7 | 1322.2 | 781.3 | 590.7 | 482.8 | 433.3 | 375.7 | 292.8 | 242.0 |
| 1.65V | 1800.8 | 1294.9 | 765.2 | 579.7 | 473.3 | 424.9 | 368.3 | 287.0 | 237.3 |
| 1.70V | 1770.7 | 1260.5 | 744.9 | 565.3 | 461.2 | 414.0 | 358.8 | 279.5 | 230.8 |
| 1.75V | 1704.3 | 1212.6 | 716.5 | 543.6 | 443.5 | 398.1 | 345.0 | 268.7 | 221.9 |
| 1.80V | 1628.8 | 1164.1 | 687.9 | 519.1 | 423.9 | 380.2 | 329.5 | 256.6 | 211.9 |
| 1.85V | 1552.2 | 1111.5 | 656.8 | 492.4 | 401.7 | 360.3 | 312.2 | 243.2 | 200.8 |

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

