

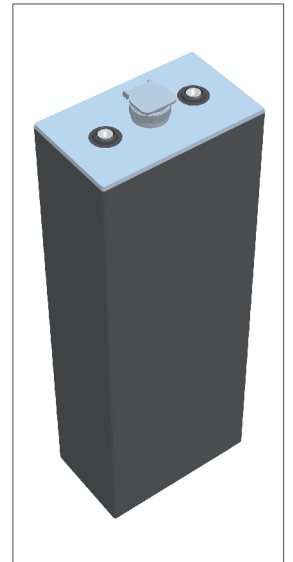
6PzS 690

(2V690Ah/5HR)



Specification

| | |
|-------------------------------------|--------------------------------------------------------------------------------------------|
| Voltage Per Unit | 2V(single cell) |
| Capacity | 690Ah@5hr-rate to 1.70V per cell @25°C |
| Weight | Approx. without electrolyte 29.0 Kg Approx. including electrolyte 37.3 Kg |
| High Rate Discharge Current | 690 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 | 103.5 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) | 119mm×198mm×545mm×575mm(Total High) |



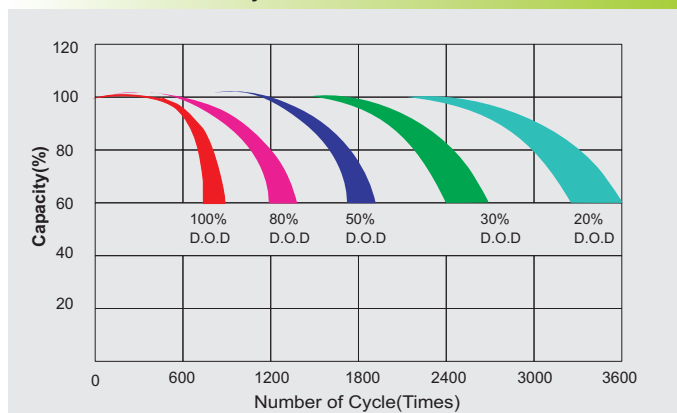
Constant Current Discharge Characteristics : A(25 °C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1.60V | 653.7 | 457.7 | 265.2 | 198.6 | 162.0 | 145.3 | 125.9 | 98.1 | 81.0 |
| 1.65V | 638.7 | 447.2 | 259.1 | 194.0 | 158.3 | 142.0 | 123.1 | 95.8 | 79.2 |
| 1.70V | 620.8 | 434.7 | 251.9 | 188.6 | 153.9 | 138.0 | 119.6 | 93.2 | 76.9 |
| 1.75V | 597.1 | 418.0 | 242.2 | 181.3 | 148.0 | 132.7 | 115.0 | 89.6 | 74.0 |
| 1.80V | 570.0 | 399.2 | 231.3 | 173.2 | 141.3 | 126.7 | 109.8 | 85.5 | 70.6 |
| 1.85V | 540.0 | 378.3 | 219.2 | 164.1 | 133.9 | 120.1 | 104.1 | 81.1 | 66.9 |

Constant Power Discharge Characteristics : W(25 °C)

| F.V/Time | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 6HR | 8HR | 10HR |
|----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V | 1222.5 | 881.5 | 520.9 | 393.8 | 321.9 | 288.9 | 250.4 | 195.2 | 161.3 |
| 1.65V | 1200.5 | 863.3 | 510.1 | 386.5 | 315.6 | 283.3 | 245.5 | 191.4 | 158.2 |
| 1.70V | 1180.5 | 840.4 | 496.6 | 376.9 | 307.5 | 276.0 | 239.2 | 186.3 | 153.9 |
| 1.75V | 1136.2 | 808.4 | 477.7 | 362.4 | 295.7 | 265.4 | 230.0 | 179.1 | 148.0 |
| 1.80V | 1085.9 | 776.1 | 458.6 | 346.1 | 282.6 | 253.4 | 219.7 | 171.1 | 141.3 |
| 1.85V | 1034.8 | 741.0 | 437.9 | 328.2 | 267.8 | 240.2 | 208.2 | 162.1 | 133.9 |

Life characteristics of cyclic use



Charge characteristic Curve for cycle use

