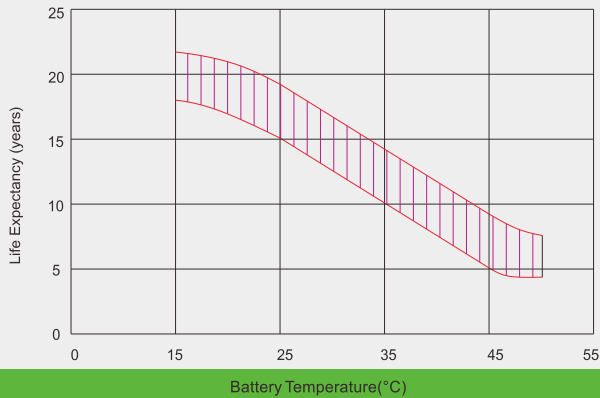
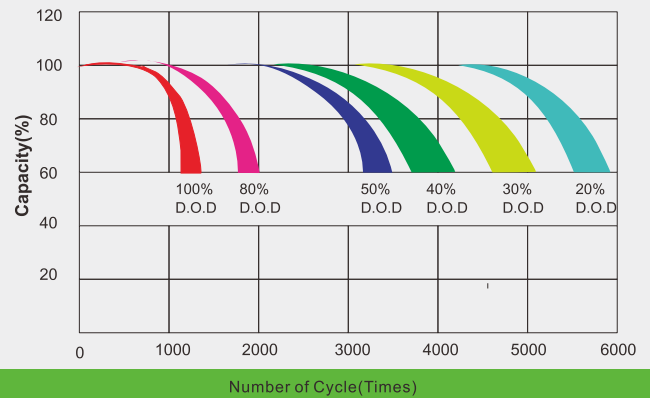


Prostar/Proflex OPzV series is a Valve Regulated Lead Acid battery that adopts immobilized GEL and Tubular Plate technology to offer high reliability and performance. The Battery is designed and manufactured according to DIN standards and with die-casting positive grid and patent formula of active material. OPzV series exceeds DIN standard values with more than 20 years floating design life at 25°C and is even more suitable for cycle use under extreme operating conditions.

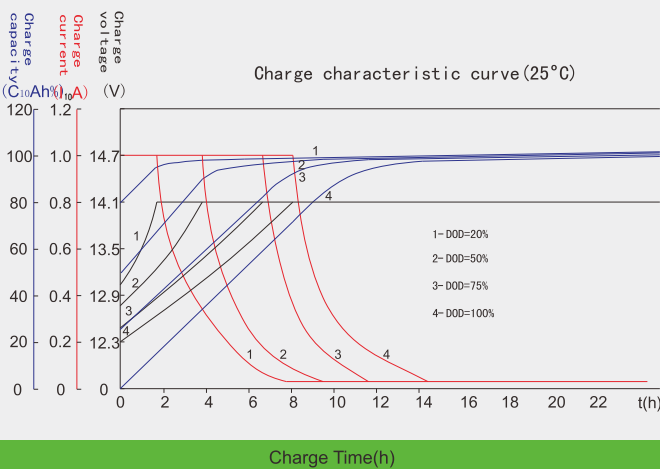
Effect of temperature on long term float life



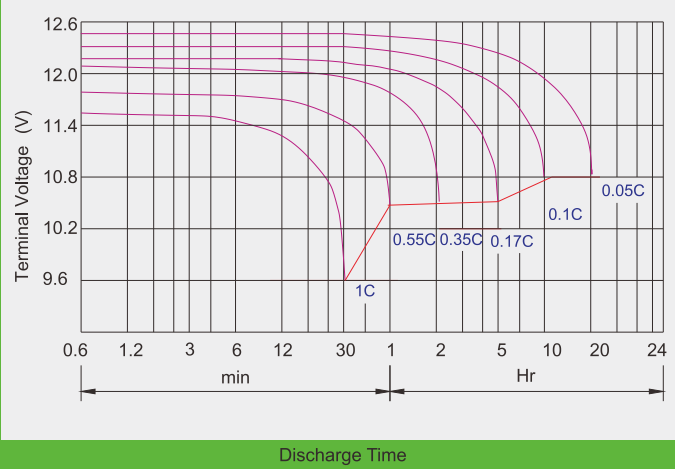
Life characteristics of cycle use



Charge characteristic Curve for cycle use



Discharge characteristic Curve



OPzV12-200

Specification

| | |
|--|--|
| Cells Per Unit | 6 |
| Voltage Per Unit | 12 |
| Capacity | 200Ah@10hr-rate to 1.80V per cell @25°C |
| Weight | Approx. 73.0 Kg(Tolerance ± 2%) |
| Max. Discharge Current | 2000A(5 sec) |
| Internal Resistance | Approx. 5.0mΩ |
| Operating Temperature Range | Discharge: -40°C~70°C Charge: 0°C~50°C Storage: -20°C~60°C |
| Normal Operating Temperature Range | 25°C ±5°C |
| Float charging Voltage | 13.6 to 13.8 VDC/unit Average at 25°C |
| Recommended Maximum Charging Current Limit | 40A |
| Equalization and Cycle Service | 14.2 to 14.4 VDC/unit Average at 25°C |
| Self Discharge | Proflex / Prostar Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using. |
| Terminal | Terminal F14 |
| Container Material | A.B.S. UL94-HB, UL94-V0 Optional. |



Dimensions Unit: mm

