

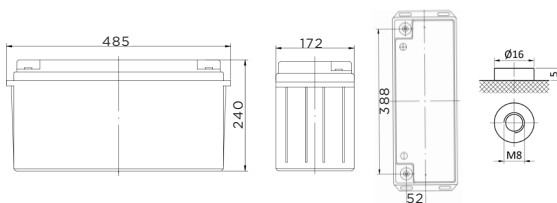
12 EG 170

BATTERY SPECIFICATIONS

ENDUROGEL 12V170Ah



Valen ENDUROGEL range features a rechargeable, deep cycle, Valve Regulated Lead Acid (VRLA) battery. Genuine Gel technology allows this battery range to offer the cyclic benefits of the Valen Gel range. High purity virgin lead plates with 1.6% tin extend the longevity of the Valen ENDUROGEL battery. The inclusion of the unique Catalyst Life Extender reduces sulphation and delamination by substantially lowering the rate of battery dryout. This innovative combination allows the Valen ENDUROGEL a design life of 12-years and is ideal for use in mission-critical cyclic applications.



Specifications

| | |
|------------------------------|--|
| Voltage | 12 Volt nominal |
| Number of cells | 6 |
| Design life | 12 years |
| Normal Capacity 25° | |
| 100 Hr rate (10.5V) | 170Ah |
| 20 Hr rate (10.5V) | 150Ah |
| 10 Hr rate (10.5V) | 139Ah |
| Dimensions | 485(L) x 172(W) x 240(H)mm |
| Weight | 44kg |
| Plates | Heavy duty |
| Terminal | Insert - M8 |
| Container / cover | ABS |
| Charge voltage | Cycle: 14.10-14.40V at 25°C Float: 13.50-13.80V at 25°C |
| Internal resistance | 4.2mΩ 25°C - Fully charged Battery |
| Electrolyte | Thixotropic Gel - Sulphuric acid |
| Vent | Self-sealing |
| Operating Temperature | -20°C to +60°C |

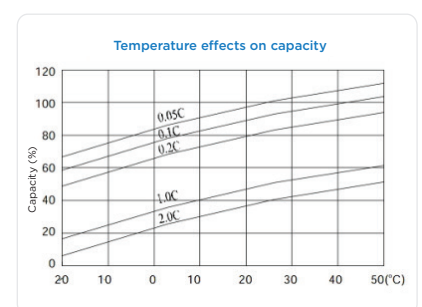
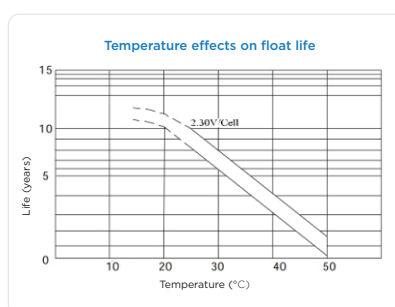
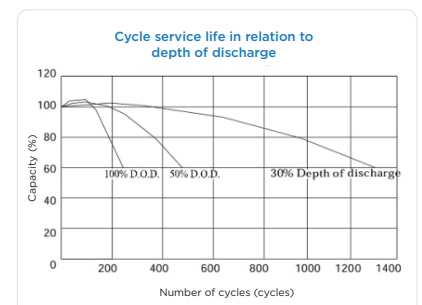
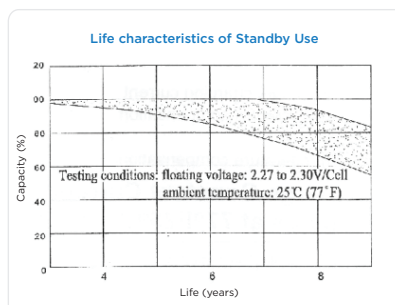
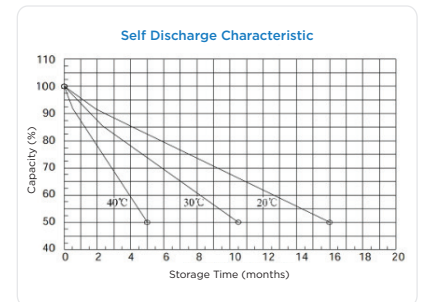
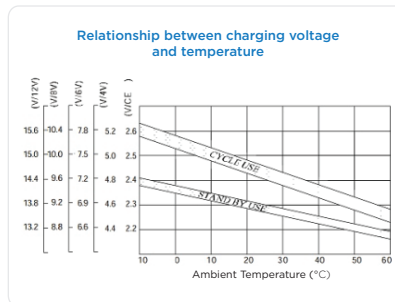
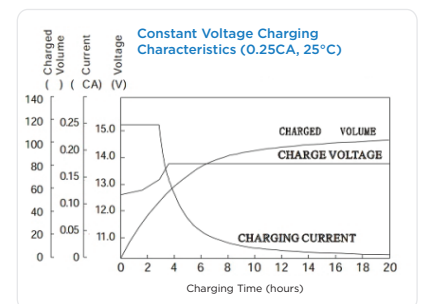
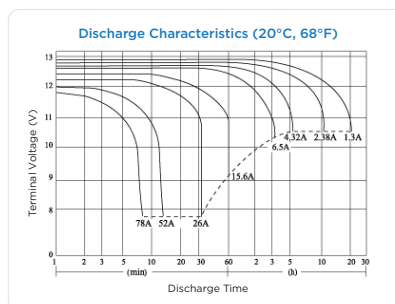
(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

Discharge Constant Power (Amperes at 25 °C)

| End Point Volts / Cell | 15 min | 30 min | 1 hour | 5 hour | 10 hour | 20 hour | 100 hour |
|------------------------|--------|--------|--------|--------|---------|---------|----------|
| 1.75V | 184 | 130 | 82.1 | 23.3 | 13.9 | 7.50 | 1.70 |

Discharge Constant Power (Watts at 25 °C)

| End Point Volts / Cell | 15 min | 30 min | 1 hour | 3 hour | 5 hour | 10 hour | 20 hour |
|------------------------|--------|--------|--------|--------|--------|---------|---------|
| 1.75V | 2052 | 1477 | 946 | 417 | 276 | 167 | 90.4 |



Specifications subject to change without notice.