

ENDUROGEL 12V155Ah

12EGFT155

- Valen ENDUROGEL range features a rechargeable, deep cycle, Valve Regulated Lead Acid (VRLA) battery.
- The Valen ENDUROGEL battery range outshines the standard Gel battery by incorporating both advanced lead plates and the Catalyst.
- High purity virgin lead plates with 1.6% tin extend the longevity of the Valen ENDUROGEL battery.
- Specialised Valen Front Terminal Design, includes terminal protection cover, insulated intercell links, ventilation holes for optional external venting, as well as being designed for easy installation into 19-inch racks.
- Maintenance-Free Design
- Thixotropic Gelled electrolyte, genuine Gel separators, quality lead plate, and a Catalyst Life Extender allow the Valen ENDUROGEL range to offer a 15-year design life and is ideal for use in mission-critical cyclic applications.
- FAA and IATA Approved and is safe for air transportation

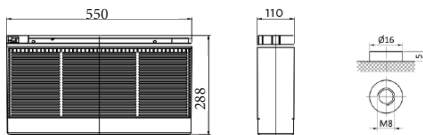




12EGFT155

BATTERY SPECIFICATIONS

Dimensions



Specifications

| | |
|-----------------------|--|
| Nominals Voltage | 12V |
| Number of Cells | 6 |
| Design life | 15 years |
| Normal Capacity 25° | |
| 100 Hr rate (10.5V) | |
| 20 Hr rate (10.5V) | 150 |
| 10 Hr rate (10.5V) | 143Ah |
| 5 Hr rate (10.5V) | 125Ah |
| Dimensions | 550(L) x 110(W) x 288(H)mm |
| Weight | 50kg |
| Terminal | M8 |
| Torque Setting | 10.3Nm |
| Charge voltage | Cycle: 14.1 - 14.4V at 25°C Float: 13.5 - 13.8V at 25°C |
| Internal resistance | 5.5mΩ 25°C - Fully charged Battery |
| Electrolyte | Thixotropic Gel - Sulphuric acid |
| Operating Temperature | -20°C to +60°C |

Discharge Constant Current (Amperes at 25°C)

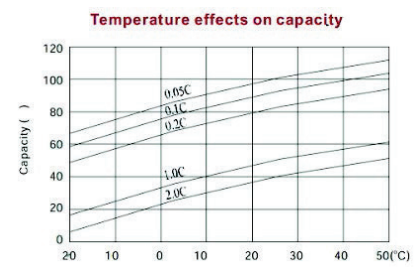
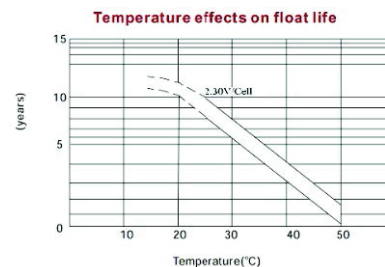
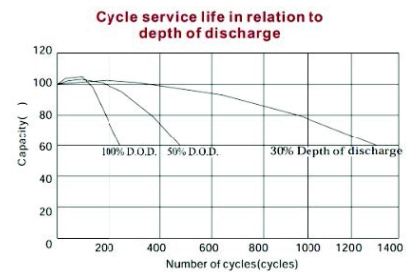
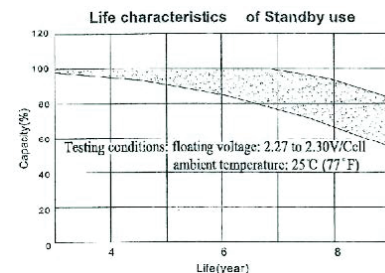
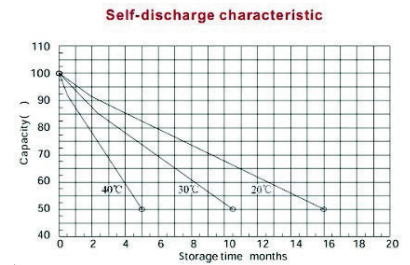
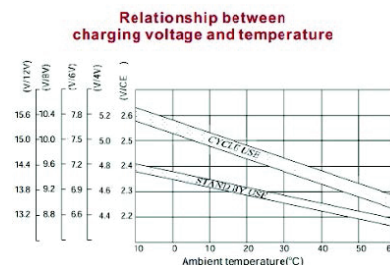
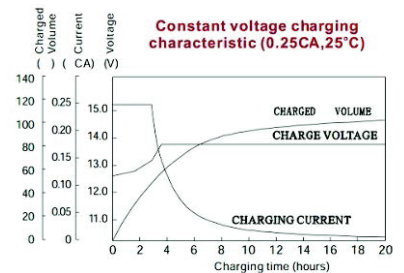
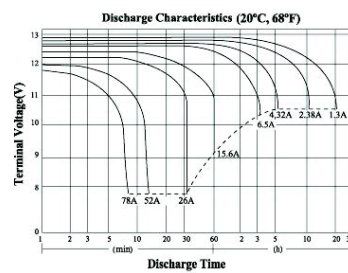
| End Point Volts / Cell | 15 min | 30 min | 1 hour | 3 hour | 5 hour | 10 hour | 20 hour |
|------------------------|--------|--------|--------|--------|--------|---------|---------|
| 1.75V | 228 | 141 | 90.4 | 55 | 38.8 | 15.6 | 8.19 |

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 | 2499 | 1580 | 1031 | 456 | 321 | 186 | 98.3 |

(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.)

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Specifications subject to change without notice.

*Although the Catalyst extends battery life at high temperatures it is not expected to change the momentary delivery of the current. The benefit of having the Catalyst in batteries will be shown over time.