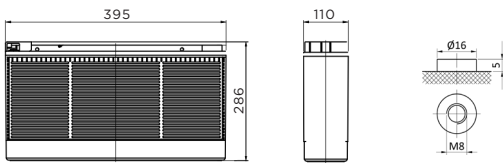




ENDUROGEL 12V100Ah Front Terminal

Valen ENDUROGEL Front Terminal battery is rechargeable, deep cycle, Valve Regulated Lead Acid (VRLA). Thanks to its Catalyst Life Extender, the Valen ENDUROGEL Front Terminal stands unique and apart from any other Gel battery. The Catalyst substantially reduces sulphation, thermal runaway, delamination and battery dry out; all major killers of VRLA batteries. These unique features enable the Valen ENDUROGEL Front Terminal battery to deliver real value for money by saving on maintenance costs and technician call out time. Valen ENDUROGEL Front Terminal batteries are ideal for projects within Communications, Solar Systems and other mission critical cyclic applications, especially where 19-inch racks are utilised.



Specifications

Voltage	12 Volt nominal
Number of cells	6
Design life	15 years
Normal Capacity 25°	
20 Hr rate (10.5V)	100Ah
10 Hr rate (10.5V)	95.2Ah
5 Hr rate (10.5V)	83Ah
Dimensions	395(L) x 110(W) x 286(H)mm
Weight	31kg
Plates	Heavy duty
Terminal	Insert - M8
Container / cover	ABS
Charge voltage	Cycle: 14.1-14.4V at 25°C Float: 13.5-13.8V at 25°C
Internal resistance	5.2mΩ 25°C - Fully charged Battery
Electrolyte	Thixotropic Gel / Sulphuric acid
Vent	Self-sealing
Operating Temperature	-20°C to +60°C

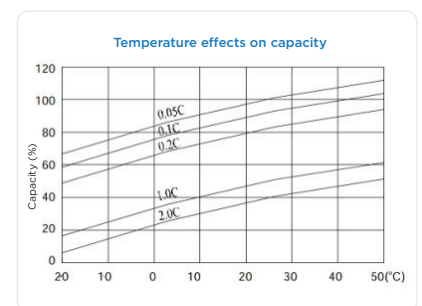
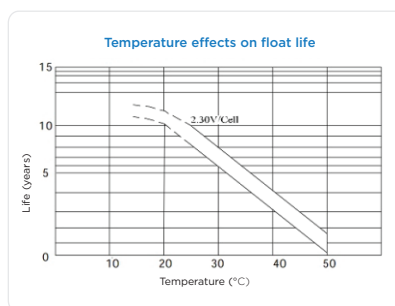
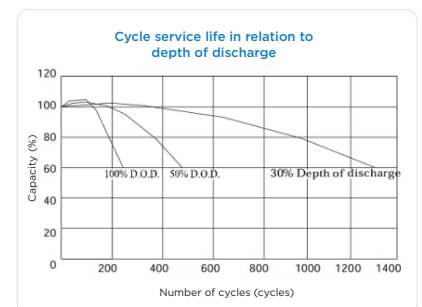
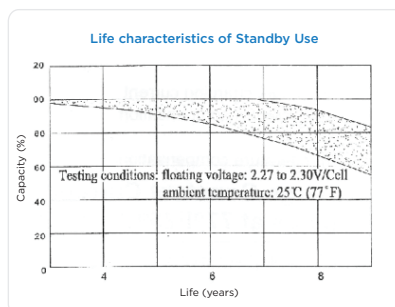
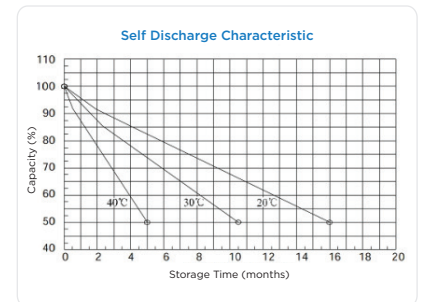
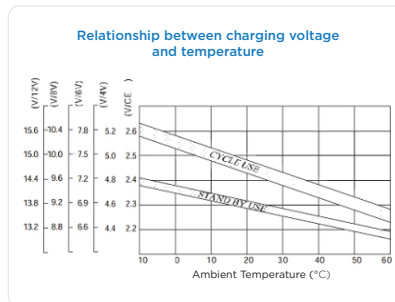
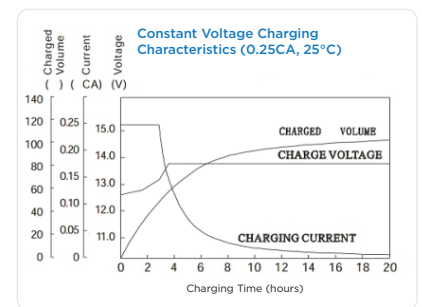
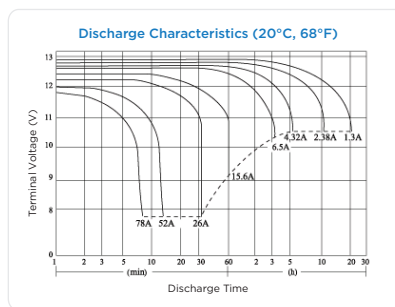
(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

Discharge Constant 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	139	86.6	54.6	23.6	16.6	9.52	5

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	1368	995	625	277	184	111	60.3



Specifications subject to change without notice.