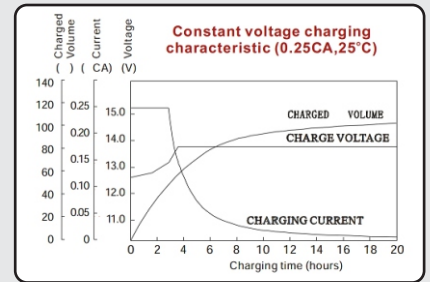
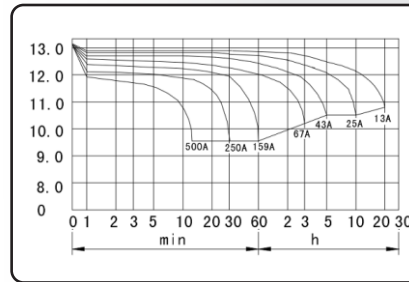


### ENDUROGEL 12V300Ah

Valen ENDUROGEL battery is rechargeable, deep cycle, Valve Regulated Lead Acid (VRLA). Thanks to its Catalyst Life Extender, the Valen ENDUROGEL 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. By recombining hydrogen and oxygen ions, the Catalyst Life Extender can provide a longer, fuller and greener life. Valen ENDUROGEL batteries are ideal for use within Communications, solar and other mission critical cyclic applications.



### SPECIFICATIONS

<b>Voltage</b>	12 Volt nominal
<b>Number of cell</b>	6
<b>Design life</b>	12 years
<b>Nominal Capacity 25°C</b>	
<b>100Hr rate (10.5V)</b>	297Ah
<b>20Hr rate (10.5V)</b>	250Ah
<b>10Hr rate (10.5V)</b>	231Ah
<b>5Hr rate (10.5V)</b>	194Ah
<b>Dimensions</b>	521(L)x269(W)x220(H)
<b>Weight</b>	75Kg
<b>Plates</b>	Heavy duty
<b>Terminal</b>	Insert - M8
<b>Container/cover</b>	ABS
<b>Charge voltage</b>	Cycle: 14.10-14.40V at 25°C Float: 13.50-13.80V at 25°C
<b>Internal Resistance</b>	2.9mΩ 25°C - Fully charged Battery
<b>Electrolyte</b>	Thixotropic Gel - Sulphuric acid
<b>Vent</b>	Self-sealing
<b>Operating temperature:</b>	-20°C to +60°C

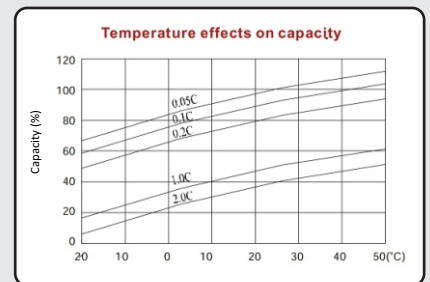
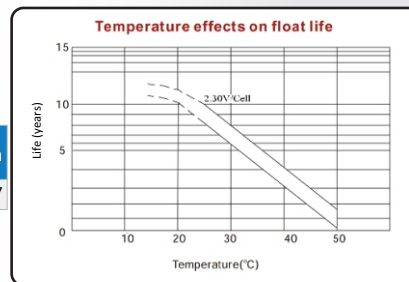
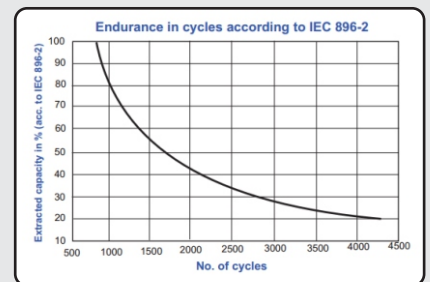
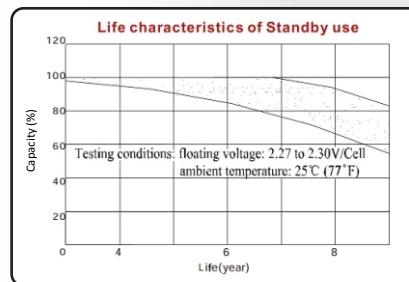
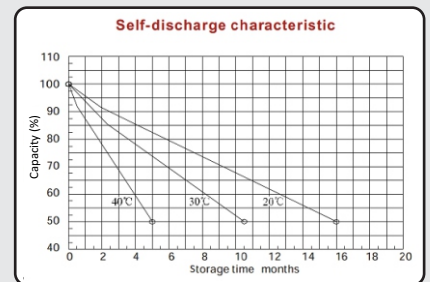
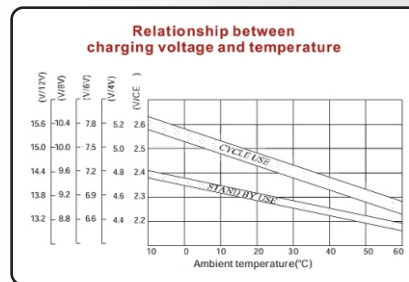
(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

#### Discharge Constant Current (Amperes at 25°C)

End Point Volts/Cell	15min	30min	1h	3h	5h	10h	20h	100h
1.75V	308	216	138	58.8	38.8	23.1	12.5	2.97

#### Discharge Constant Power (Watts at 25°C)

End Point Volts/Cell	15min	30min	1h	3h	5h	10h	20h
1.75V	3420	2463	1578	695	460	278	151



\*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.

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End-to-End Solution Provider of Industrial Batteries & Energy Storage