

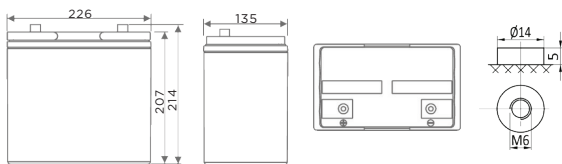
12 VF 55

BATTERY SPECIFICATIONS

FORTE 12V55Ah



The Valen Forte is a rechargeable, deep cycle, Valve Regulated Lead Acid (VRLA) battery. The battery construction is based on the Absorbent Glass Matting (AGM) maintenance-free technology. The Hybrid Gel battery is constructed utilising a combination of AGM separators with liquid Gel Colloidal Silica electrolyte. This innovative battery technology gives the advantage of increased cycle life when compared to AGM batteries. The Valen Forte has been designed and manufactured to exceed all market expectations. With its improved battery life and increase in cyclic discharges over a standard AGM battery, it's fast becoming the battery of choice within the mobility industry.



Specifications

Voltage	12 Volt nominal
Number of cells	6
Design life	10 years
Normal Capacity 25°	
20 Hr rate (10.5V)	56.2Ah
10 Hr rate (10.5V)	54.2Ah
5 Hr rate (10.5V)	47.7Ah
Dimensions	226(L) x 135(W) x 207(H)mm
Weight	17kg
Plates	Heavy duty
Terminal	Insert - M6
Container / cover	ABS
Charge voltage	Cycle: 13.8-14.4V at 25°C Float: 13.5-13.8V at 25°C
Internal resistance	8mΩ 25°C - Fully charged Battery
Electrolyte	Sulphuric acid
Vent	Self-sealing
Operating Temperature	-20°C to +60°C

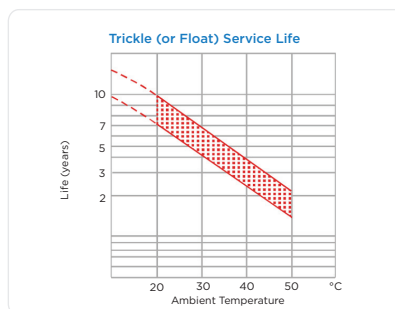
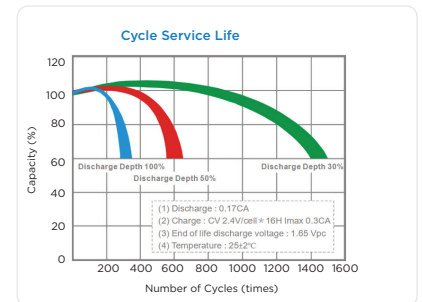
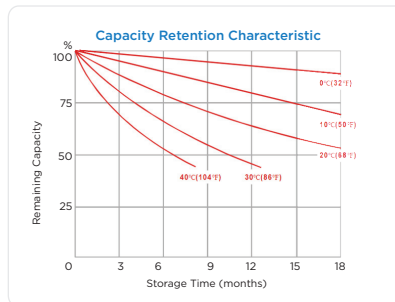
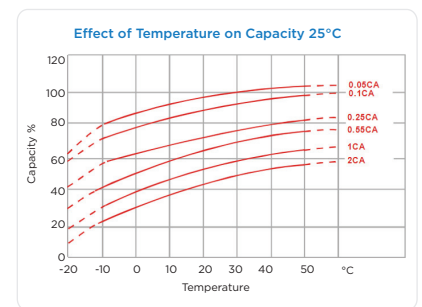
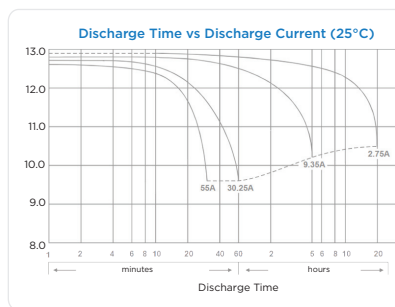
(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

Discharge Constant Power (Amperes at 25°C)

End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	93.7	51.4	33.2	13.7	9.53	5.42	2.81

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	186	102	63.1	26.3	18.8	11.1	5.80



Specifications subject to change without notice.