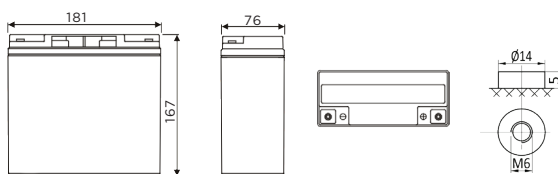


### FORTE 12V20Ah

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

<b>Voltage</b>	12 Volt nominal
<b>Number of cells</b>	6
<b>Design life</b>	10 years
<b>Normal Capacity 25°</b>	
<b>20 Hr rate (10.5V)</b>	20Ah
<b>10 Hr rate (10.5V)</b>	19.3Ah
<b>5 Hr rate (10.5V)</b>	17.1Ah
<b>Dimensions</b>	181(L) x 76(W) x 167(H)mm
<b>Weight</b>	6.7kg
<b>Plates</b>	Heavy duty
<b>Terminal</b>	Insert - M6
<b>Container / cover</b>	ABS
<b>Charge voltage</b>	Cycle: 13.8-14.4V at 25°C Float: 13.5-13.8V at 25°C
<b>Internal resistance</b>	8mΩ 25°C - Fully charged Battery
<b>Electrolyte</b>	Sulphuric acid
<b>Vent</b>	Self-sealing
<b>Operating Temperature</b>	-20°C to +60°C

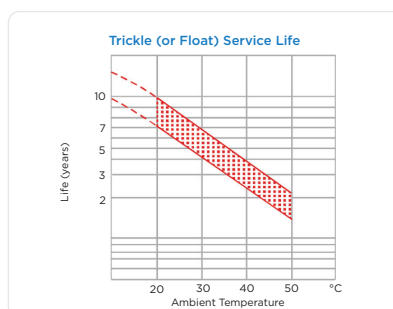
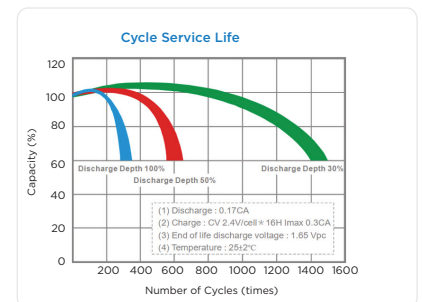
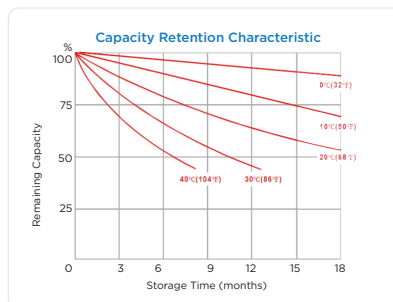
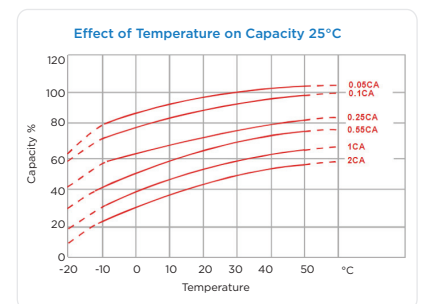
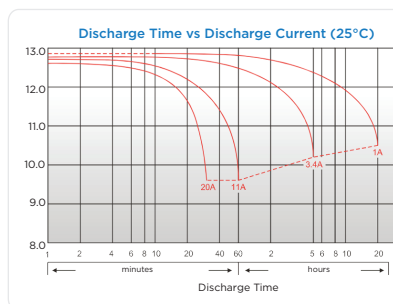
(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

#### Discharge Constant 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	38.8	20.5	12.1	4.85	3.42	1.93	1.00

#### 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	76.5	38.6	22.3	9.80	6.79	3.84	1.98



Specifications subject to change without notice.