

FORTE 12V33Ah

12VF33

- Welcome to one of the newest products of the Valen battery range!
- Hybrid Gel Valve Regulated Lead Acid (VRLA) battery
- Rechargeable, deep cycle and maintenance-free.
- Hybrid Gel battery utilises a combination of AGM separators with liquid Gel Colloidal Silica electrolyte.
- Valen Forte battery technology gives you the best of both worlds; delivering the advantage of increased cycle life similar to that of a Gel battery, with the lower cost advantage of an AGM battery.
- FAA and IATA Approved and is safe for air transportation

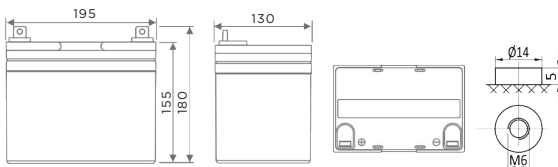




12VF33

BATTERY SPECIFICATIONS

Dimensions



Specifications

Nominals Voltage	12V
Number of Cells	6
Design life	10 years
Normal Capacity 25°	
20 Hr rate (10.5V)	34.2Ah
10 Hr rate (10.5V)	32.7Ah
5 Hr rate (10.5V)	28Ah
Dimensions	195(L) x 130(W) x 155(H)mm
Weight	10.4kg
Terminal	Insert - M6
Torque Setting	5.39 Nm
Charge voltage	Cycle: 13.8-14.4V at 25°C Float: 13.5-13.8V at 25°C
Internal resistance	9mΩ 25°C - Fully charged Battery
Electrolyte	Sulphuric acid
Operating Temperature	-20°C to +60°C

Discharge Constant Current (Amperes at 25°C)

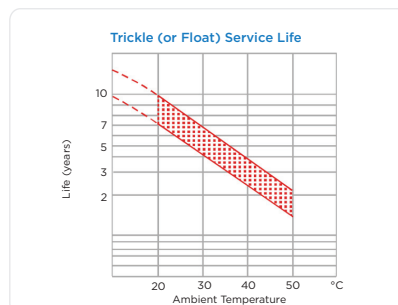
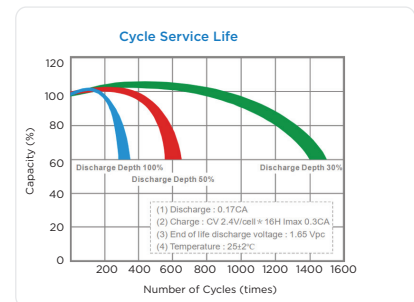
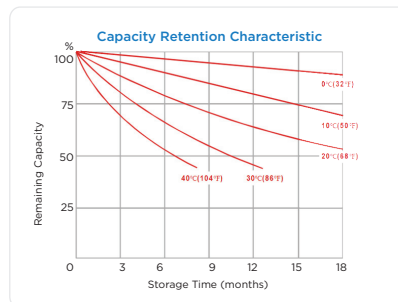
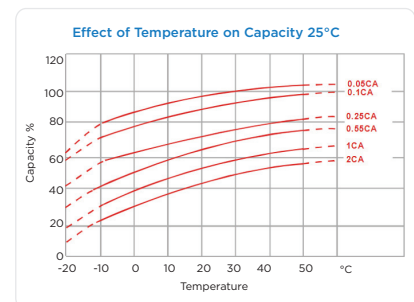
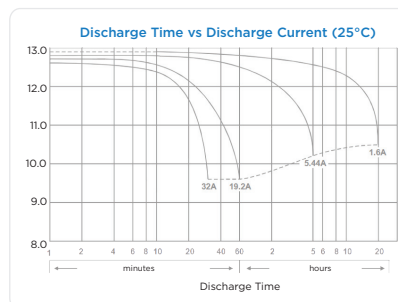
End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	53.8	30.2	17.1	7.98	5.59	3.27	1.71

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	99.0	54.0	36.1	15.6	11.3	6.79	3.58

(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.