

ENVIROX-CELPLUS 12V100Ah

12EO+FT100

- The Valen ENVIROX-CELPlus range features a rechargeable, deep cycle, Valve Regulated Lead Acid (VRLA) battery. Advanced Graphitic Carbon and Carbon Black Blend in the active material allow the ENVIROX-CELPlus to recharge faster, increasing the batteries efficiency for operation in harsh environments.
- Designed for endurance in higher temperature standby environments of up to 65°C.
- Shock resistant and flame retardant casing have been utilised in the construction of the Valen ENVIROX-CELPlus battery to increase its resistance to the outside temperatures.
- Maintenance-Free Design
- Inclusion of Carbon allows for an extremely long float life performance with a 15-year standby design life.
- FAA and IATA Approved and is safe for air transportation

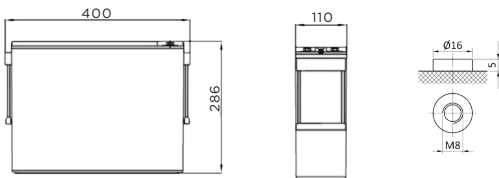




12E0+FT100

BATTERY SPECIFICATIONS

Dimensions



Specifications

Nominals Voltage	12V
Number of Cells	6
Design life	15 years
Normal Capacity 25°	
20 Hr rate (10.5V)	114.5Ah
10 Hr rate (10.5V)	107.1Ah
5 Hr rate (10.2V)	94Ah
Dimensions	400(L) x 110(W) x 286(H)mm
Weight	33kg
Terminal	Insert - M8
Torque Setting	7Nm
Charge voltage	Cycle: 14.1V at 35°C Float: 13.44V at 35°C
Internal resistance	6.3mΩ 35°C - Fully charged Battery
Electrolyte	Sulphuric Acid
Operating Temperature	-20°C to +65°C

Discharge Constant Current (Amperes at 35°C)

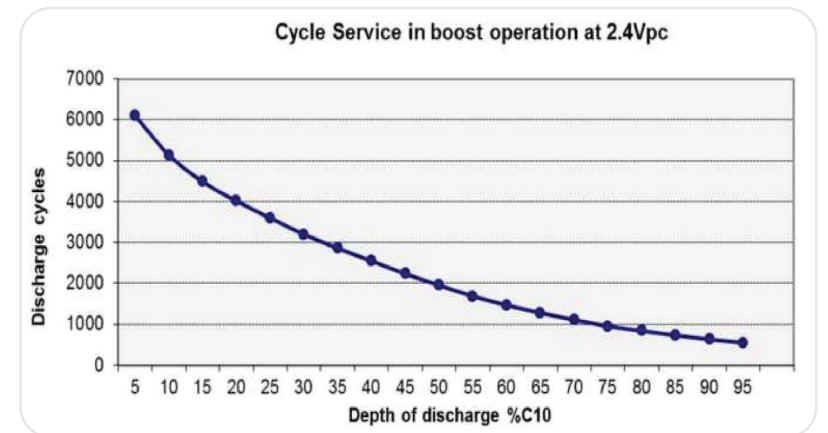
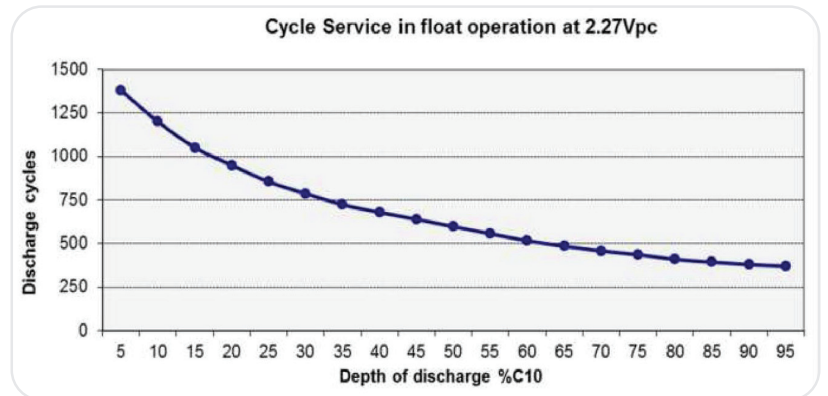
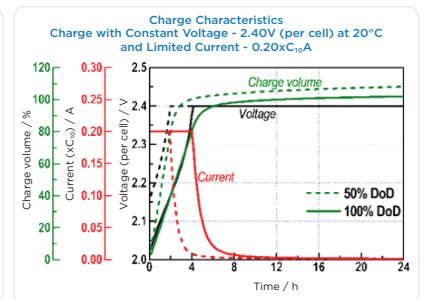
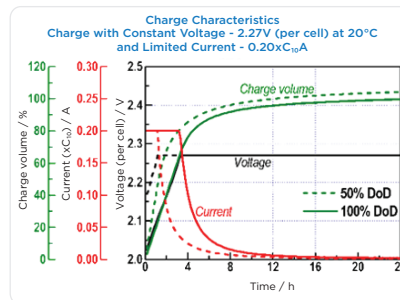
End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	146	104	63.4	27.1	18.1	10.4	5.56

Discharge Constant Power (Watts at 35°C)

End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	292	208	127	53.8	36.2	20.8	11.5

(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.