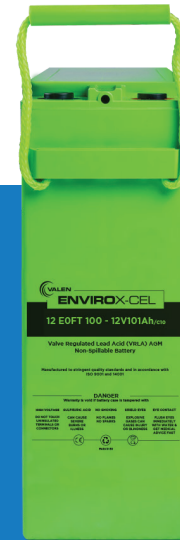


# ENVIROX-CEL 12V100Ah

## 12EOFT100

- Valen ENVIROX-CEL Front Terminal range features a rechargeable, deep cycle, Valve Regulated Lead Acid (VRLA) battery.
- Battery construction is based on the Absorbent Glass Matting (AGM) safe and maintenance-free technology. However, the Valen ENVIROX-CEL is manufactured with unique high purity virgin lead plates, incorporating calcium, allowing for an extremely long float life performance
- Maintenance-Free Design
- Valen ENVIROX-CEL's inclusion of Carbon allows for an extremely long float life performance with a 12-year standby design life.
- Specialised Valen Front Terminal Design Includes terminal protection cover, insulated intercell links, ventilation holes for optional external venting, as well as being designed for easy installation into 19-inch racks
- FAA and IATA Approved and is safe for air transportation

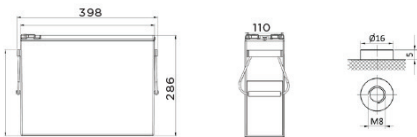




# 12E0FT100

## BATTERY SPECIFICATIONS

### Dimensions



### Specifications

Nominals Voltage	12V
Number of Cells	6
Design life	12 years
Normal Capacity 25°	
20 Hr rate (10.5V)	108Ah
10 Hr rate (10.5V)	101Ah
5 Hr rate (10.2V)	89Ah
Dimensions	398(L) x 110(W) x 286(H)mm
Weight	33.2kg
Terminal	M8
Torque Setting	7Nm
Charge voltage	Cycle: 14.4V at 25°C Float: 13.62V at 25°C
Internal resistance	6.5mΩ 25°C - Fully charged Battery
Electrolyte	Sulphuric Acid
Operating Temperature	-20°C to +60°C

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

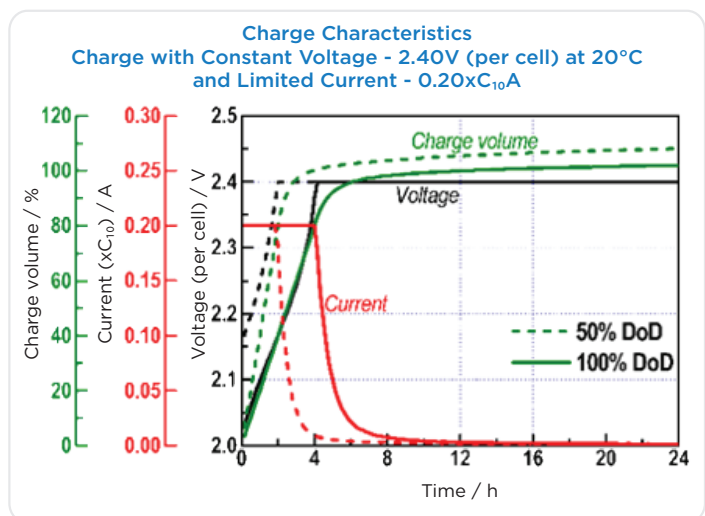
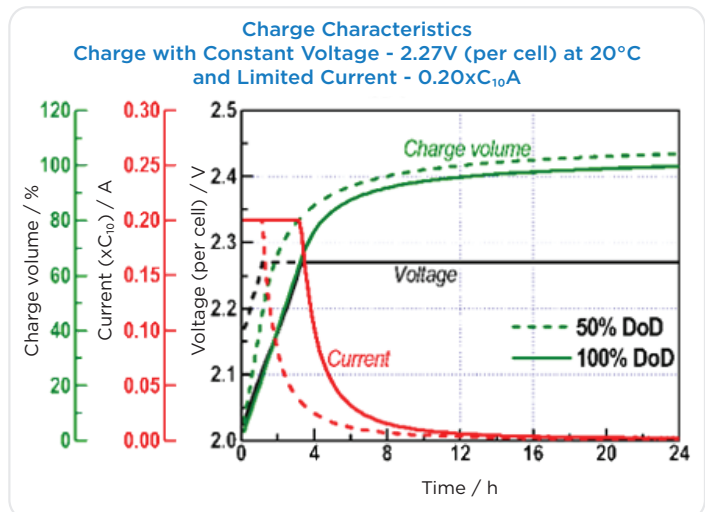
End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	142	101	61.6	26.3	17.6	10.01	5.4

#### 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	283	202	123	52.3	35.2	20.2	10.8

(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.)

### ENVIROX-CEL 12V100Ah



Specifications subject to change without notice.