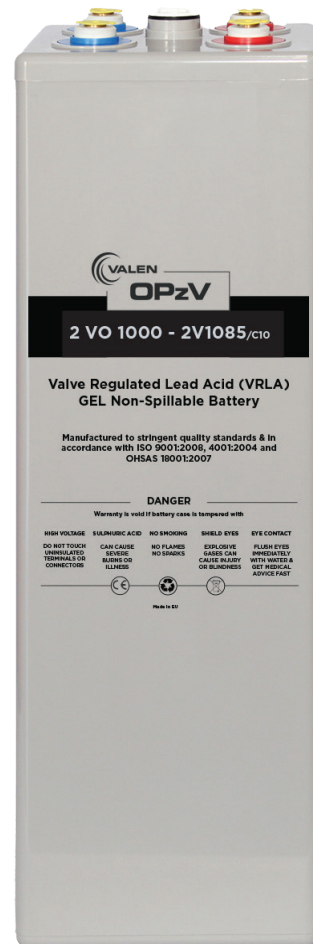


VALEN OPzV 2V1000Ah

2VO1000

- Premium Valve Regulated Lead Acid (VRLA) Design
- Maintenance-Free Design
- Advanced Tubular Gel Technology, Tubular positive plate construction provides reliability and long service life, whilst the negative plate grid design is constructed using lead calcium tin alloy.
- Design life of 18 years in standby applications
- Specialised OPzV Sliding Pole Design
- Specialised Valen 2V Design, Includes a protective terminal cover as well as insulated intercell links
- IATA Approved, Valen OPzV battery range is safe for air transportation

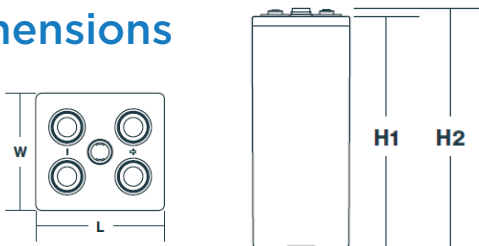




2VO1000

BATTERY SPECIFICATIONS

Dimensions



Specifications

Nominals Voltage	2V
Number of Cells	1
Design Life	18 years
Normal Capacity 25°	
20 Hr rate (1.75V)	1242Ah
10 Hr rate (1.75V)	1108Ah
5 Hr rate (1.75V)	987Ah
CCA at 0°C	NA
Dimensions	233(L) x 210(W) x 674(H1)mm
Weight	81.7kg
Terminal	Insert - M10
Torque Setting	22Nm
Charge voltage	Cycle: 2.33-2.4V at 20°C Float: 2.25V at 20°C
Internal resistance	0.295mΩ 25°C - Fully charged Battery
Operating Temperature	-20°C to +45°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	712	626	498	270	187	109	61.1

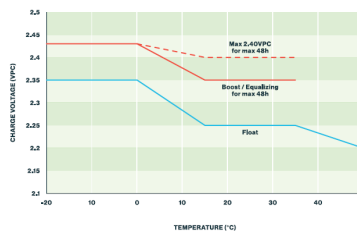
Discharge Constant Power (Watts at 25 °C)

End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	1229	1079	866	486	344	204	117

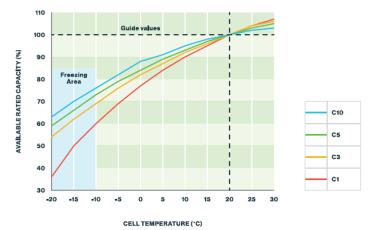
(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

VALEN OPzV 2V1000Ah

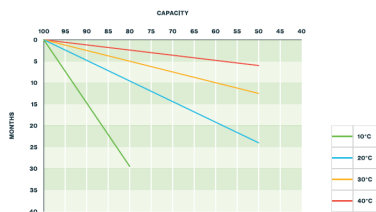
Charging voltage vs. Temperature



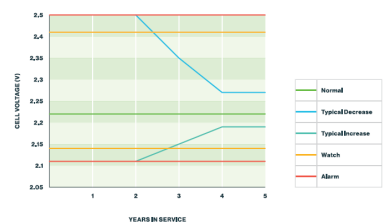
Capacity vs. Temperature



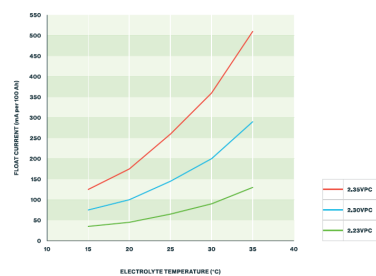
Self discharge at different temperatures



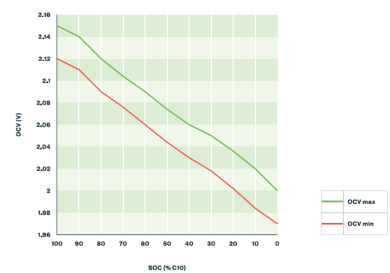
Float voltage deviation vs. Years in service



Float current: Residual charge current



Storage: Determine the state of charge



Specifications subject to change without notice.