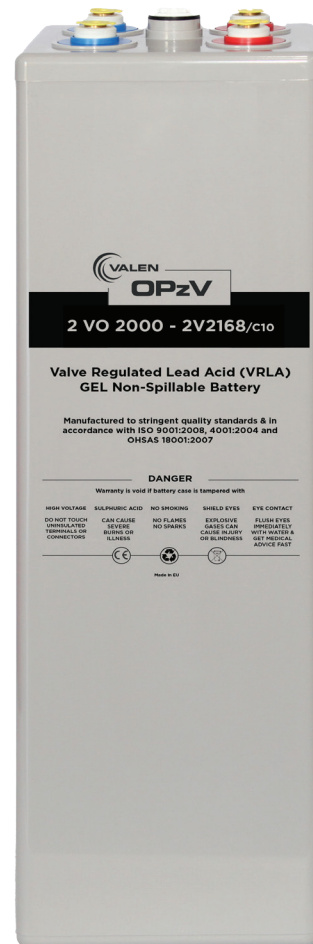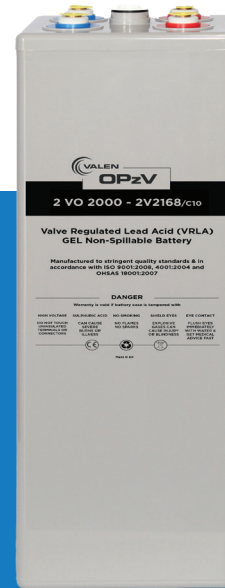# VALEN OPzV 2V2000Ah

2VO2000

- 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

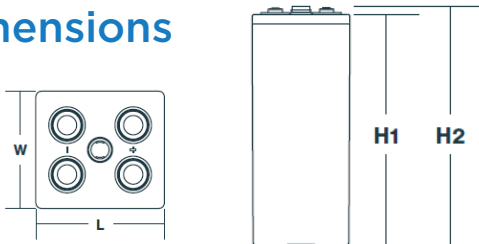- IATA Approved, Valen OPzV battery range is safe for air transportation

VALEN OPzV

2 VO 2000 - 2V2168/C10

Valve Regulated Lead Acid (VRLA) GEL Non-Spillable Battery

Manufactured to stringent quality standards & in accordance with ISO 9001:2008, 4001:2004 and OHSAS 18001:2007

—— **DANGER** ——
Warranty is void if battery case is tampered with

HIGH VOLTAGE	SULPHURIC ACID	NO SMOKING	SHIELD EYES	EYE CONTACT
DO NOT TOUCH UNINSULATED TERMINALS OR CONNECTORS	CAN CAUSE SEVERE BURNS OR ILLNESS	NO FLAMES NO SPARKS	EXPLOSIVE GASES CAN CAUSE INJURY OR BLINDNESS	FLUSH EYES IMMEDIATELY WITH WATER & GET MEDICAL ADVICE FAST

Made in EU

2VO2000

BATTERY SPECIFICATIONS

Dimensions

Specifications

Nominals Voltage	2V
Number of Cells	1
Design Life	18 years
Normal Capacity 25°	
100 Hr rate	2840Ah
10 Hr rate	2168Ah
5 Hr rate	1885Ah
CCA at 0°C	
Dimensions	399(L) x 214(W) x 799(H1)mm
Weight	156kg
Terminal	Insert - M10
Torque Setting	23 Nm
Charge voltage	Cycle: 2.35V at 25°C Float: 2.25V at 25°C
Internal resistance	0.167mΩ 25°C - Fully charged Battery
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	1494	1316	1049	567	392	226	127

Discharge Constant Power (Watts at 25˚C)

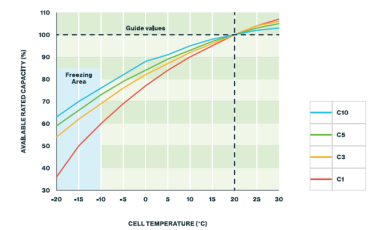| End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	2580	2268	1822	1023	721	426	242

(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.)
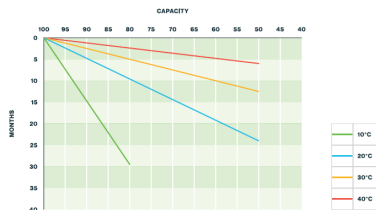
VALEN OPzV 2V2000Ah
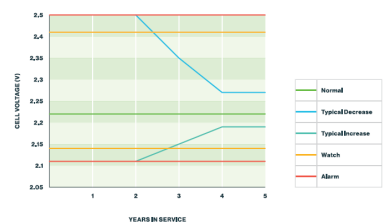

Charging voltage vs. Temperature
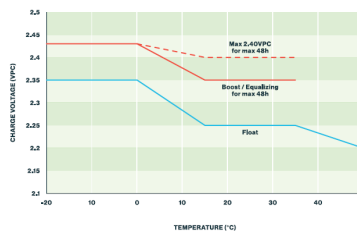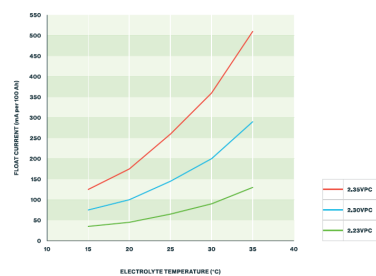

Capacity vs. Temperature

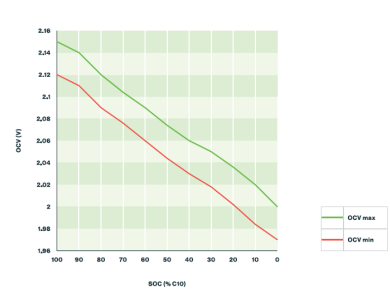Self discharge at different temperatures

Float voltage deviation vs. Years in service

Float current: Residual charge current

Storage: Determine the state of charge

Specifications subject to change without notice.