



Product brochure

VRLA battery range

AGM, gel, carbon and tubular gel batteries for standby and cyclic power.

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Contents

VRLA batteries

From 1.3Ah monoblocs to 2000Ah cells, for UPS, comms, fire, rail, mining and solar.



Monobloc

TOPIN	4
X-CEL	6
FORTE	7
GEL	8
ENDUROGEL	9

2V cells

ENDUROGEL 2V	14
OP2V	15

Front terminal

TOPIN Front Terminal	10
ENDUROGEL Front Terminal	11
ENVIROX-CEL	12
ENVIROX-CELPLUS	13

Technology and accessories

Catalyst Life Extender	16
Sliding pole technology	16
Ventilation tubing and battery links	17

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Choose the right range

Every battery in this brochure is a sealed, maintenance-free Valve Regulated Lead Acid (VRLA) battery. The ranges differ in electrolyte, plate design and format, which sets design life and whether a battery suits standby or cyclic duty.

Range	Technology	Voltage	Format	Design life	Typical applications	Page
TOPIN	AGM	6V, 12V	Monobloc	8 years	Diesel gensets, Fire, UPS, Security, Road signage	4
X-CEL	Advanced AGM	12V	Monobloc	10 years	UPS, Security, Comms, Hospitals & medical, Datacentres	6
FORTE	Hybrid gel	12V	Monobloc	10 years	Hospitals & medical, Floor scrubbers, Mobility, Road signage, Golf & electric vehicles	7
GEL	Gel	2V, 6V, 12V	Monobloc	10 years	Hospitals & medical, Floor scrubbers, Mobility, Road signage, Golf & electric vehicles	8
ENDUROGEL	Gel + catalyst	6V, 12V	Monobloc	12 years	Hospitals & medical, Datacentres, Automatic gates, Mobility, Road signage	9
TOPIN Front Terminal	AGM	12V	Front terminal	10-12 years (float)	Telecommunications, UPS, Emergency power, Standby systems	10
ENDUROGEL Front Terminal	Gel + catalyst	12V	Front terminal	15 years	UPS, Comms, Datacentres, Mining, Rail	11
ENVIROX-CEL	AGM + carbon	12V	Front terminal	12 years	UPS, Comms, Datacentres, Mining, Rail	12
ENVIROX-CELPLUS	AGM + advanced carbon	12V	Front terminal	15 years	UPS, Comms, Datacentres, Mining, Rail	13
ENDUROGEL 2V	Gel + catalyst	2V	2V cells	20 years	UPS, Comms, Datacentres, Mining, Rail	14
OPzV	Tubular gel	2V	2V cells	18 years	UPS, Comms, Datacentres, Mining, Rail	15

Standby duty

Float-charged backup for UPS, comms, fire and security systems. Look at TOPIN, X-CEL and the front terminal ranges for rack installations.

Cyclic duty

Regular charge and discharge, such as solar, mobility and off-grid sites. Look at the gel ranges: FORTE, GEL, ENDUROGEL and OPzV Solar.

Need help sizing a battery bank? Valen's technical team can match a range and capacity to your load, autonomy and site conditions. Call 1300 734 253 (AU) or 0800 734 253 (NZ).

Valen TOPIN

Valen TOPIN is a rechargeable, deep cycle VRLA battery range. The electrolyte is held in Absorbent Glass Mat (AGM) separators, so the battery is sealed, robust and maintenance-free.

TOPIN holds CSIRO ActivFire SSL approval and complies with AS 4029.2, which makes it suited to fire and security backup. Quality-controlled manufacturing and in-house testing support an 8-year design life in standby applications.

Applications

- Diesel gensets
- Fire
- UPS
- Security
- Road signage
- Automatic gates
- Lifts & elevators



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

SSL approval

CSIRO certified for use in the fire industry (AS 1603.4 Appendix G-1987). ActivFire certificate afp-1668.

FAA and IATA approved

Safe for air transportation.

Specifications

Voltage	6 & 12 Volt nominal
Plates	Heavy duty
Container	ABS plastic
Charge voltage	6V cycle: 7.2-7.3V 6V float: 6.75-6.9V 12V cycle: 14.4-14.6V 12V float: 13.5-13.8V at 25°C
Design life	8 years
Electrolyte	Sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

6V models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)	CCA at 0°C
	C20	C10		L	W	H		
6TP1.3	1.3	1.21	F1	97	25	52	0.297	—
6TP3.3	3.3	3.01	F1	134	34	59	0.67	—
6TP5	5	4.76	F1	70	47	102	0.83	—
6TP7	7	6.65	F1	151	34	94	1.2	—
6TP12	12.6	12	F1	151	50	94	1.84	—
6TP20	20.6	20.2	M5	157	83	125	3.89	—

12V models on the next page.

Valen TOPIN 12V models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)	CCA at 0°C
	C20	C10		L	W	H		
12TP1.3	1.3	1.21	F1	97	43	53	0.564	–
12TP2.2	2.3	2.22	F1	178	34	60	1.04	–
12TP2.3	2.3	2.1	Flat Plate	182	24	61	0.71	–
12TP2.9F1	2.9	2.83	F1	79	56	99	1.19	–
12TP3.3	3.3	3.01	F1	134	67	59.5	1.3	–
12TP5F2	5.6	5.14	F2	90	70	101	1.9	–
12TP7	7	6.82	F1	151	65	94	2.24	–
12TP9	9	8.55	F2	151	65	94	2.7	–
12TP12F2	12.4	12	F2	151	98	93	3.75	–
12TP21	23	22.1	M5	181	76	167	8	205
12TP26	27	26.5	M5	166	175	125	8.31	265
12TP30	30	27	M5	166	126	176	9.3	300
12TP33	33	31.5	M5	196	130	158	9.9	320
12TP40	43	41	M6	199	166	171	13.4	350
12TP55	58	56	M6	226	135	207	17	380
12TP65	67	65	M6	350	167	179	20.9	490
12TP70	79	76	M6	260	170	202	24.2	550
12TP90	106	101	M6	307	168	208	29.5	680
12TP100	104.4	103	M8	329.5	172.3	215	31.3	780
12TP120	126	120	M6	338	170	212	32.5	960
12TP150	151.2	151	M8	483	170	240	46	1300
12TP200	212	201	M8	522	238	219	61.5	1440
12TP250	260	250	M8	521	269	220	72.8	1800

Capacity at the 20-hour (C20) and 10-hour (C10) discharge rates. CCA shown where rated.

Valen X-CEL

Valen X-CEL is a deep cycle, rechargeable VRLA battery built on AGM construction. It is sealed and maintenance-free.

X-CEL uses high purity virgin lead plates with 1.6% tin. The tin reduces sulphation and plate delamination, which extends battery life and gives X-CEL a 10-year design life in critical standby applications.

Applications

- UPS
- Security
- Comms
- Hospitals & medical
- Datacentres
- Automatic gates
- Lifts & elevators
- Telemetry



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

X-CEL technology

High purity virgin lead plates with a tin formula deliver a 10-year standby design life.

FAA and IATA approved

Safe for air transportation.

Specifications

Voltage	12 Volt nominal
Plates	Virgin pure lead / 1.6% tin grid alloy
Container	ABS plastic
Charge voltage	Cycle: 14.4-14.7V Float: 13.2-13.8V at 25°C
Design life	10 years
Electrolyte	Sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)
	C20	C10		L	W	H	
12VX9	9	8.2	F2	151	65	94	2.8
12VX14	14	13.3	F2	151	98	95	4.4
12VX21	21	20	M5	182	76	168	6.5
12VX33	34.6	33.1	M6	197	131	158	10.3
12VX40	42	40.7	M6	199	166	171	14.7
12VX100	105	103	M8	330	171	215	32
12VX260	262	252	M8	520	269	221	74

Valen FORTE

Valen FORTE is a hybrid gel VRLA battery: rechargeable, deep cycle and maintenance-free. It pairs AGM separators with a liquid colloidal silica gel electrolyte.

That combination gives cycle life closer to a gel battery at the lower cost of an AGM battery, with a 10-year design life.

Applications

- Hospitals & medical
- Floor scrubbers
- Mobility
- Road signage
- Golf & electric vehicles



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

Hybrid silica electrolyte

Improved cyclic life over a standard AGM battery, with faster current delivery, lower cost and a 10-year design life.

FAA and IATA approved

Safe for air transportation.

Specifications

Voltage	12 Volt nominal
Plates	Heavy duty
Container	ABS plastic
Charge voltage	Cycle: 13.8-14.5V Float: 13.5-13.8V at 25°C
Design life	10 years
Electrolyte	Sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)
	C20	C10		L	W	H	
12VF20	20	19.3	M6	181	76	167	6.7
12VF33	34.2	32.7	M6	195	130	155	10.4
12VF40	40	38	M6	197	166	170	14.2
12VF50	50	47.5	M6	197	166	170	14.2
12VF55	56.2	54.2	M6	229	138	208	17
12VF70	75.6	72.6	M6	260	170	202	24.8
12VF100	103	101	M8	338	170	212	34

Valen GEL

Valen GEL is a rechargeable, deep cycle VRLA battery. The electrolyte is suspended in thixotropic silica gel rather than an absorbent glass mat, which extends battery life and reduces the number of cycles needed to reach full capacity.

GEL resists deep discharge and recovers well after heavy draining. Quality-controlled manufacturing and in-house testing support a 10-year design life, making it an economical choice for cyclic applications.

Applications

- Hospitals & medical
- Floor scrubbers
- Mobility
- Road signage
- Golf & electric vehicles
- Comms
- Solar
- Mining
- Telemetry



Features

- Valve Regulated Lead Acid (VRLA) design**
Installs and operates in any position except inverted, so it suits hard-to-reach locations.
- Maintenance-free**
Less technician time on site and fewer battery-related callouts.
- Thixotropic silica gelled electrolyte**
Genuine gel separators and quality lead plates support a 10-year design life.
- FAA and IATA approved**
Safe for air transportation.

Specifications

Voltage	2, 6 & 12 Volt nominal
Plates	Heavy duty
Container	ABS plastic
Charge voltage	6V cycle: 7.2-7.5V 6V float: 6.75-6.9V 12V cycle: 14.1-14.4V 12V float: 13.5-13.8V at 25°C. 2V: refer to datasheet
Design life	10 years
Electrolyte	Thixotropic gel, sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)
	C20	C10		L	W	H	
2VG500	TBC	510	M8	210	171	367	31.5
6VG225	220	210	M8	243	188	275	32
12VG21	21	19	M5	181	77	167	6
12VG26	26	23	M6	165	125	175	9
12VG33	33	31	M6	195	130	158	10.2
12VG40	40	39	M6	197	165	158	14
12VG55	55	51	M6	229	138	214	18
12VG60	60	56.2	M6	254	168	178	20
12VG70	70	64.8	M6	254	168	205	24
12VG100	100	95	M8	330	173	215	33.5

Valen ENDUROGEL

Valen ENDUROGEL is a rechargeable, deep cycle VRLA battery with genuine gel technology. It builds on the GEL range with advanced lead plates and the Catalyst Life Extender.

High purity virgin lead plates with 1.6% tin extend battery life. The Catalyst Life Extender lowers the rate of dry out, which reduces sulphation and delamination. Together they give ENDUROGEL a 12-year design life for mission-critical cyclic applications.

Applications

- Hospitals & medical
- Datacentres
- Automatic gates
- Mobility
- Road signage
- Rail
- Comms
- Solar
- Mining
- Telemetry



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

Advanced ENDUROGEL technology

Thixotropic gelled electrolyte, genuine gel separators, quality lead plates and a Catalyst Life Extender support a 12-year design life.

Catalyst Life Extender

Prevents battery dry out in mission-critical cyclic applications. See page 16.

FAA and IATA approved

Safe for air transportation.

Specifications

Voltage	6 & 12 Volt nominal
Plates	Heavy duty
Container	ABS plastic
Charge voltage	6V cycle: 7.05-7.2V 6V float: 6.75-6.9V 12V cycle: 14.1-14.4V 12V float: 13.5-13.8V at 25°C
Design life	12 years
Electrolyte	Thixotropic gel, sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)			Terminal	Dimensions (mm)			Weight (kg)
	C100	C20	C10		L	W	H	
6EG260	260	220	204	M8	243	187	276	35
12EG50	50	40	37.6	M6	197	165	170	14
12EG60	61	55	51	M6	229	138	214	18
12EG80	80	70	65	M6	260	168	215	24
12EG110	110	100	95	M8	330	171	214	33.5
12EG170	178	150	141	M8	485	172	240	44
12EG220	220	200	185	M8	522	238	218	65
12EG300	300	250	231	M8	521	269	220	80.5

Valen TOPIN Front Terminal

Valen TOPIN Front Terminal batteries bring TOPIN AGM construction to a slimline format for telecommunications and UPS racks. The terminals sit across the front, so connection and maintenance happen without pulling the battery from the rack.

The range is sealed and maintenance-free, with a 10 to 12 year float design life and high-rate discharge capability for critical power applications.

Applications

- Telecommunications
- UPS
- Emergency power
- Standby systems



Features

Front terminal design

Built for installation in 19-inch and 23-inch telecom and UPS racks.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

High-rate discharge

Dependable performance for UPS and emergency power loads.

Specifications

Voltage	12 Volt nominal
Construction	AGM, VRLA
Terminals	F18, T11 or M8 (by model)
Design life	10-12 years (float)

Models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)
	C10	C5		L	W	H	
12TPFT100	95	85	F18	507	106	235	30
12TPFT150	150	131	T11	550	110	288	45.5
12TPFT170	170	149	M8	551	110	320	58
12TPFT200	180.5	174.8	F18	558	127	317	59.5

Valen ENDUROGEL Front Terminal

Valen ENDUROGEL Front Terminal brings genuine gel technology, advanced lead plates and the Catalyst Life Extender to a rack-friendly format.

High purity virgin lead plates with 1.6% tin and the Catalyst Life Extender reduce sulphation and delamination and prevent dry out. The slimline design retrofits into 19-inch racking and supports a 15-year design life in mission-critical cyclic applications.

Applications

- UPS
- Comms
- Datacentres
- Mining
- Rail
- Solar



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

Advanced ENDUROGEL technology

Thixotropic gelled electrolyte, genuine gel separators, quality lead plates and a Catalyst Life Extender support a 15-year design life.

Front terminal design

Terminal protection cover, insulated intercell links, ventilation holes for optional external venting, and easy installation into 19-inch racks.

FAA and IATA approved

Safe for air transportation.

Customised battery racking and cabinetry available on request.

Specifications

Voltage	12 Volt nominal
Plates	Heavy duty
Container	ABS plastic
Charge voltage	Cycle: 14.4-15.0V Float: 13.5-13.8V at 25°C
Design life	15 years
Electrolyte	Thixotropic gel, sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)
	C10	C5		L	W	H	
12EGFT100	105	92	M8	395	110	286	34
12EGFT155	143	125	M8	550	110	288	50

Valen ENVIROX-CEL

Valen ENVIROX-CEL Front Terminal is a rechargeable, deep cycle, maintenance-free AGM VRLA battery. High purity virgin lead plates incorporating calcium, plus a carbon additive, give long float life and better charge acceptance.

The slimline design retrofits into 19-inch racking, with terminals across the front for easy installation and maintenance. Optional ventilation tubing allows external venting. The range has a 12-year design life.

Applications

- UPS
- Comms
- Datacentres
- Mining
- Rail



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

Advanced carbon design

Carbon gives long float life performance with a 12-year standby design life.

Front terminal design

Terminal protection cover, insulated intercell links, ventilation holes for optional external venting, and easy installation into 19-inch racks.

FAA and IATA approved

Safe for air transportation.

Customised battery racking and cabinetry available on request.

Specifications

Voltage	12 Volt nominal
Plates	Virgin pure lead / lead-calcium-tin alloy
Container	ABS plastic
Charge voltage	Cycle: 14.4V Float: 13.62V at 25°C
Design life	12 years
Electrolyte	Sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)
	C10	C5		L	W	H	
12EOLT100	101	89	M8	398	110	286	33.2
12EOLT155	157	137	M8	550	110	285	49

Valen ENVIROX-CELPLUS

Valen ENVIROX-CELPLUS is a rechargeable, deep cycle VRLA battery. An advanced graphitic carbon and carbon black blend in the active material lets it recharge faster, improving efficiency in harsh environments.

It is built for standby sites with higher temperatures, up to 65°C, or an unstable grid. Shock resistant, flame retardant casing adds protection, and the slimline format retrofits into 19-inch racking. The range has a 15-year design life.

Applications

- UPS
- Comms
- Datacentres
- Mining
- Rail
- Solar



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

Advanced carbon design

Carbon gives long float life performance with a 15-year standby design life.

Front terminal design

Terminal protection cover, insulated intercell links, ventilation holes for optional external venting, and easy installation into 19-inch racks.

FAA and IATA approved

Safe for air transportation.

Customised battery racking and cabinetry available on request.

Specifications

Voltage	12 Volt nominal
Plates	Virgin pure lead / lead-calcium-tin alloy
Container	ABS plastic
Charge voltage	Cycle: 14.4V Float: 13.62V at 25°C
Design life	15 years
Electrolyte	Sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +65°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)		Terminal	Dimensions (mm)			Weight (kg)
	C10	C5		L	W	H	
12EO+FT100	107.1	94	M8	400	110	286	33
12EO+FT105	105	TBC	M8	510	110	235	34.5
12EO+FT170	171.6	149.4	M8	557	125	316	62
12EO+FT190	192	168.5	M8	557	125	316	62

Valen ENDUROGEL 2V

Valen ENDUROGEL 2V cells combine genuine gel technology with advanced lead plates and the Catalyst Life Extender.

High purity virgin lead plates with 1.6% tin extend cell life, and the Catalyst Life Extender reduces sulphation and delamination and prevents dry out. The 2V configuration allows safe, secure installation and maintenance in higher capacity cyclic power systems, with a 20-year design life.

Applications

- UPS
- Comms
- Datacentres
- Mining
- Rail
- Solar



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

Advanced ENDUROGEL technology

Thixotropic gelled electrolyte, genuine gel separators, quality lead plates and a Catalyst Life Extender.

2V design

Protective terminal cover and insulated intercell links.

Racking available

Standard and modular racking, or customised racking to fit your site.

FAA and IATA approved

Safe for air transportation.

Specifications

Voltage	2 Volt nominal
Plates	Heavy duty
Container	ABS plastic
Charge voltage	Cycle: 2.40-2.45V Float: 2.20-2.30V at 25°C
Design life	20 years
Electrolyte	Thixotropic gel, sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Capacity (Ah)	Terminal	Dimensions (mm)			Weight (kg)
	C10		L	W	H	
2EG450	455	M8	210	171	367	31.5
2EG500	500	M8	241	171	330	31
2EG1000	1010	M8	475	175	356	69.2

Valen OPzV

Valen OPzV is a tubular plated gel battery: rechargeable, deep cycle and maintenance-free. It is offered in Solar variants for deep cycling in off-grid banks, and Standby variants for UPS, telecom and rail backup.

Sliding pole technology lets the terminal move with positive plate growth, preventing case rupture and extending battery life. With certified manufacturing and cyclic gel electrolyte, OPzV has an 18-year design life.

Applications

- UPS
- Comms
- Datacentres
- Mining
- Rail
- Solar



Features

Valve Regulated Lead Acid (VRLA) design

Installs and operates in any position except inverted, so it suits hard-to-reach locations.

Maintenance-free

Less technician time on site and fewer battery-related callouts.

Tubular gel technology

Tubular positive plates with lead calcium tin negative grids for strong cyclic and deep discharge performance.

Sliding pole design

Reduces the risk of case rupture from positive pole growth. Designed for high current applications. See page 16.

2V design

Protective terminal cover and insulated intercell links.

IATA approved

Safe for air transportation.

Specifications

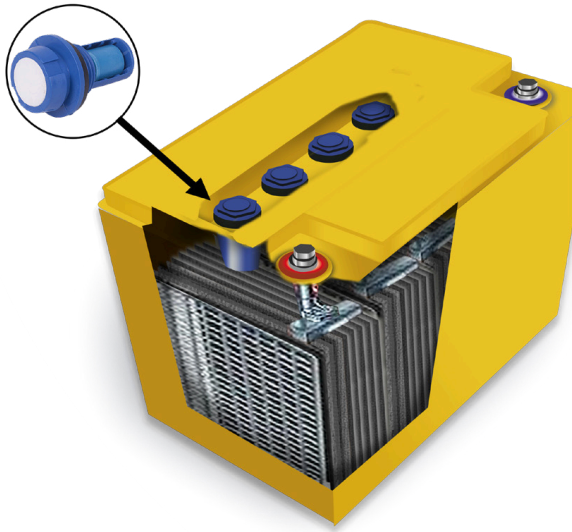
Voltage	2 Volt nominal
Plates	Lead calcium tin alloy
Container	ABS plastic
Charge voltage	Cycle: 2.35V Float: 2.25V at 25°C
Design life	18 years
Electrolyte	Thixotropic gel, sulphuric acid
Vent	Self-sealing
Operating temp	-20°C to +60°C*

*Valen recommends operating between 20°C and 30°C for full life and optimum performance.

Models

Model	Variant	Nominal (Ah)	Capacity (Ah)	Terminal	Dimensions (mm)			Weight (kg)
			C10		L	W	H	
2VOSO500	Solar	500	605	M10	166	206	471	40.8
2VOSO800	Solar	800	806	M10	147	208	665	52.4
2VOSO900	Solar	700	TBC	M10	147	208	643	52.5
2VOSO1100	Solar	1100	TBC	M10	147	208	643	52.5
2VOST500	Standby	500	500	M10	166	206	471	40.8
2VOST700	Standby	700	782	M10	147	208	643	52.5
2VOST900	Standby	900	984	M10	193	212	644	66.3
2VOST1000	Standby	1000	1108	M10	233	210	674	81.7
2VOST1500	Standby	1500	TBC	M10	275	210	824	110.1
2VO2000	—	2000	2168	M10	399	214	799	156.1

Technology that extends battery life

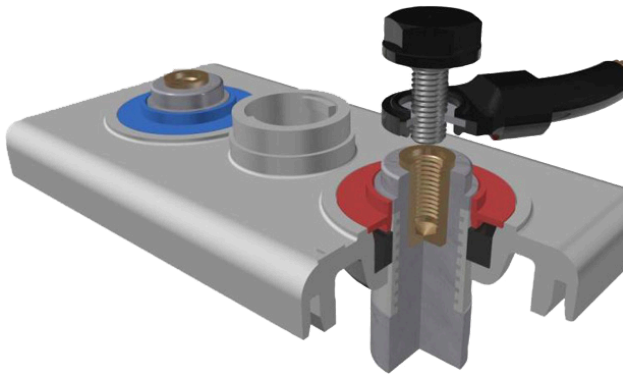


Catalyst Life Extender

During charge and discharge, every lead acid battery releases hydrogen and oxygen through its vents. Over time this dries the battery out, sulphating it and depolarising the plates.

Valen's Catalyst Life Extender sits in the headspace of the battery and recombines these gases. It is fitted across the ENDUROGEL ranges.

- Longer battery design life
- Reduced cell failure due to sulphation
- Longer float service life through reduced plate corrosion
- Full design life maintained at temperatures up to 30°C
- Reduced possibility of thermal runaway



Sliding pole technology

Fitted to the Valen OPzV range. The terminal moves with positive plate growth instead of stressing the lid.

- Sliding design with brush insert and rubber seal in the lid
- Hardness and acid resistance
- Prevents top lid cracks and acid leakage
- Positive plate expansion safely absorbed
- Strong current conductivity
- Sealed construction
- Allows impedance measurements
- Safe, long operational life

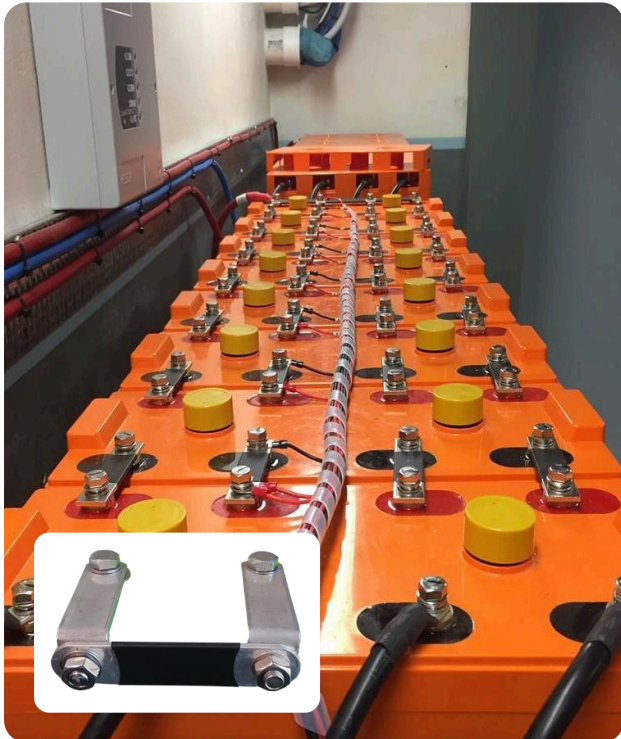
Complete the installation



Ventilation tubing

Some sites need a battery system vented externally, to keep fumes away from electrical equipment such as switchboards.

ENDUROGEL Front Terminal, ENVIROX-CEL and ENVIROX-CELPLUS batteries have ventilation holes for optional battery ventilation tubing. Ask the team about venting your next front terminal project.



Battery links and racking

Valen supplies battery link kits that work with Valen standard battery racking, so installation goes together cleanly.

Not every site fits a standard layout. Ask about customised links, battery racking and cabinetry for your installation.



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