

voltgo



Elite Series

Lithium Iron Phosphate Battery

Advancing performance and safety focused solutions in mobile and stationary applications

voltgo

Total Control

A top mounted control panel features an On/Off button to isolate battery when not in use, LED SoC indication and alarm.

Two CAN/RS485 ports allow easy integration of VoltGo batteries into existing control / monitoring systems, via Victron GX device*, providing full visibility of your system. The Comms ports also allow system expansion to ensure all batteries are kept in balance to extend service life.

*See manual or website for further details.



Multiple safety features built-in

Meeting stringent international standards UL1973, UN38.3 and IEC62619, the VoltGo Elite series features an intelligent BMS with protections against short circuiting, over/under voltage and over/under temperature fluctuations, plus ensures self-balancing when used in multi-module systems.

Encased in a UL94 V-0 rated flame retardant ABS casing, the Elite Series also features an on-board aerosol fire suppression system for swift fault mitigation, and peace of mind.



Applications:

- 4x4 & camping
- Caravan & campervans
- Boats & marine systems
- Food trucks
- Trucks
- Commercial vehicles
- Remote power applications
- Roadside furniture
- Light towers & signs
- Emergency backup

Let your battery talk to you

Connect from your phone or tablet for real-time monitoring of status, including voltage, state of charge, health and cycle count.

Download the VoltGo app:

Apple Store

Google Play



VoltGo Elite Series LFP batteries with SMART-GO fastening features are easily expandable.



The innovative bracket system featured with the VoltGo Elite series batteries provides the ultimate in mounting options.

The included handy brackets can be attached to your battery and used as handles for safe transport, or to securely fasten your battery to the floor, a battery box or even a wall!

When using multiple modules, the unique fastening plates offer increased strength and battery stability.

VoltGo Elite series batteries can be used in almost any orientation providing you a multitude of mounting options to best suit your requirement.

The simple maintenance-free prismatic cell construction also features an in-built heater pad to assist with battery charging in colder climates.

With a 15 year design life, the VoltGo Elite series are built to last.



WARRANTY

*With 10 years
manufacturer's
warranty for
complete
peace of mind.*

Check T&Cs.

	VLRV2560A	VLRV5120A	VLRV2560B	VLRV5120B	VLRV5120C
Nominal Voltage	12.8 VDC	12.8 VDC	25.6 VDC	25.6 VDC	51.2 VDC
Nominal Capacity	200 Ah	400 Ah	100 Ah	200 Ah	100 Ah
Rated Energy	2560 Wh	5120 Wh	2560 Wh	5120 Wh	5120 Wh
Cycle Life (25°C)	> 6000 (0.5C to 80% DoD)				
Design Life	15 years				
Voltage Range	10 - 14 V	10 - 14 V	22.4 - 28V	22.4 - 28 V	44.8 - 56 V
Recommended Charge Rate	≤ 60 A	≤ 120 A	≤ 30 A	≤ 60 A	≤ 30 A
Max Constant Charge Rate	150 A	200 A	100 A	150 A	100 A
Max. Continuous Discharging Current	200 A	250 A	150 A	200 A	100 A
Max. Pulse Discharging Current (30 Sec)	250 A	350 A	200 A	250 A	150 A
Humidity	5-95% RH				
Charge Temperature Range	-20°C ~ +45°C (heating)				
Charge Temperature Range	-20°C ~ +55°C				
Storage Temperature Range	-20°C ~ +45°C				
Terminals	M8				
Series Connection	NO				
Parallel Connection	Up to 16P				
Dimensions	460 x 220 x 212 mm	460 x 320 x 247 mm	460 x 220 x 212 mm	460 x 320 x 247 mm	460 x 320 x 247 mm
Weight	25kg	41kg	25kg	41kg	41kg
Ingress Rating	IP65				
Compliances	UL1973, UN38.3, IEC62619				



Elite Series

Lithium Iron Phosphate Battery

VoltGo's Elite series batteries raise the benchmark for performance and safety in Lithium battery installations.

The high quality and innovative design delivers exceptional performance and longevity, with multiple fitment and system integration capabilities for stationary off-grid type installations or mobile applications such as 4x4, caravans and marine vessels.

You can rely on VoltGo's maintenance free operation to deliver reliable power for years to come.



SIMPOWER
THE BATTERY SPECIALISTS

4/15 Trugood Drive, East Tamaki, Auckland 2013

P: 0800 746 769

E: sales@simpower.co.nz

W: www.simpower.co.nz

