

voltgo



Elite Series

Lithium Iron Phosphate Battery

VoltGo's Elite Series batteries bring innovation and adaptability to the fore with their new 100Ah lithium battery.

High quality and robust design, constructed with safety & performance in mind, the VLRV1280A offers reliability and long service life to applications such as 4x4, camping & RV, marine, and small solar storage systems.

You can rely on VoltGo's maintenance free operation to power your recreational activities.

100Ah



Lightweight and expandable: Up to 4S or 4P system scalable.



Bluetooth capable: Real-time battery status in the palm of your hand.



IP65 rating to protect against water & dust in any application.



Maximise your ROI with up to 6000+ cycles.



Safety: In-built fire suppression to immediately nullify failures should things go awry.



Advanced BMS safety & protection to ensure long-term performance

SIMPOWER
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sales@simpower.co.nz | www.simpower.co.nz



The VoltGo advantage

Inbuilt Heater: Heater pads which activate in sub-zero conditions to aid in faster battery recharging.

Serviceable design: Built with easy maintenance in mind, Internals can be inspected and repaired by technicians should the need arise.

Lightweight: Less than half the weight of the equivalent size lead-acid battery, Voltgo's are easier to install and transport.



WARRANTY

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

See our terms and conditions for more information.

Other models available in the Elite Series:

Model Number	Description
VLRV2560A	12.8V 200Ah
VLRV5120A	12.8V 400Ah
VLRV2560B	25.6V 100Ah
VLRV5120B	25.6V 200Ah
VLRV5120C	51.2V 100Ah

Download the VoltGo Bluetooth app:

Apple Store



Google Play



Specifications

Model	VLRV1280A
Nominal Voltage	12.8VDC
Nominal Capacity	100Ah
Rated Energy	1280Wh
Cycle Life	>6000 (0.5C to 80% DoD)
Design Life	15 years
Voltage Range	10-14V
Recommended Charge Rate	≤30A
Max Constant Charge Rate	50A
Max. Continuous Discharging Current	100A
Max. Pulse Discharging Current	150A
Humidity	5-95% RH
Operating Temperature	
Charge	-20°C ~ +45°C (heating)
Discharge	-20°C ~ +55°C
Storage	-20°C ~ +45°C
Terminals	M8
Series Connection	Up to 4S
Parallel Connection	Up to 4P
Dimensions	330 x 172 x 220 mm
Weight	11.2kg
Ingress Protection Rating	IP65
Certifications	UL1973, UN38.3, IEC62619



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