



PowerFit Volta Upgrade — Power Smarter. Explore Longer.

Designed for Storyteller MODE Vans (2022-2023)

Upgrade your Volta system with the **Lithionics Smart Alternator** and **Gateway** — engineered for seamless integration and off-grid performance.

WHY UPGRADE?

The Lithionics-Volta Gateway offers plug-and-play installation, while the Smart Alternator's high-efficiency MOSFET design delivers up to 6,500W at cruise and 2,000W at idle — giving you faster, smarter charging on the move. That means shorter engine run times, quieter operation, and more time enjoying off-grid power.

MAXIMIZE POWER AND PERFORMANCE

Enhanced Performance

Optimal vehicle
drivability and longer
accessory belt life

Longer Battery Life

Enjoy extended
battery lifespan and
reduced maintenance

Fast Charging

Quickly recharge
your batteries

Seamless Integration

The Gateway bridges
the two systems —
no programming
required

Whether you're chasing the next trailhead or parked at the perfect view, power up with confidence, and keep your adventure going.

ORDERING GUIDE

To order the correct components, please check the technical details and make sure it matches your vehicle's needs. If you have a unique setup or special requirements, contact our sales team to discuss.

VEHICLE REQUIREMENTS	
Chassis Make	Mercedes
Chassis Model	Sprinter
Chassis Year	2022-2023
Engine Type	V6
Mounting	Mercedes N62

TECHNICAL REQUIREMENTS	
Battery System	Volta Flex System
Nominal Voltage	51V

INSTALLATION	
Installation Time	2-3 hours
Installation Instructions	Pending

COMPONENTS

Components can be purchased separately or as a complete package.

- ☐ PowerFit Smart Alternator **#85-303-48** 
- ☐ Lithionics-Volta Alternator Gateway (includes harness) **#57-01-100** 
- ☐ Mercedes, Main Serpentine Belt (003 993 00 96) **#84-109**

INTERESTED IN A FULL SYSTEM REPLACEMENT?

A full system replacement includes replacing all proprietary Volta hardware with modular Lithionics system components, including the secondary alternator, inverter/charger, and battery system.

Note: Battery mounting bracketry is required for installation but not currently provided by Lithionics.

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COMPONENTS

Contact factory to order. [Plan Your Upgrade.](#)

OPTION 1: 8 kWh KIT Designed to replace current Volta system with minimal modification and improved user experience and runtime.

- 1 x Lithionics 51V 165Ah Lithium-Ion Battery Module



- External V9 400A BMS



- 3000W 120VAC Inverter/charger



- PowerPremier Smart Alternator



OPTION 2: 16kWh KIT Designed to greatly increase off-grid capability and provide maximum run-time on battery power.

- 2 x Lithionics 51V 165Ah Lithium-Ion Battery Modules



- External V9 400A BMS



- 3000W 120VAC Inverter/charger



- PowerPremier Smart Alternator



Powering Innovation.
Discover the right lithium replacement system for you. Reach out to Lithionics' expert support team to find your perfect power solution.