



More Luxury. More Power. More Freedom.

NO GENERATOR.






GALLERIA Li₃



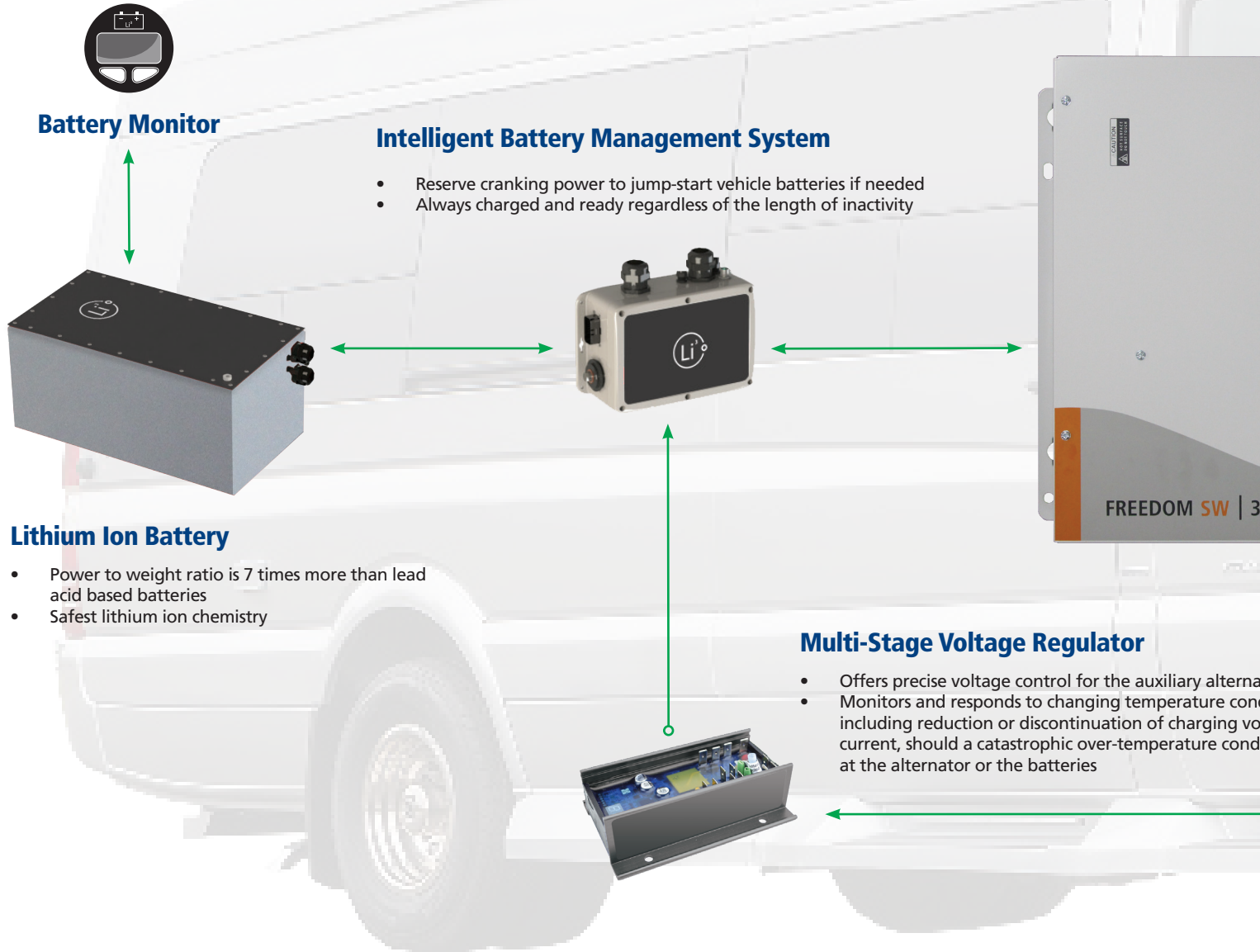
POWERED BY

xantrex™



-  **Safest** system
-  **Longest** life
-  **Longest** runtime
-  **Fastest** recharge times
-  **Eliminates** nuisances, noise, smell, and vibration of a generator

The **FREEDOM e-GEN** is a fully integrated system that offers the most reliable AC and DC power to charging lithium ion batteries from multiple sources. The most compelling benefit the system offers is



Safest System

Integrated Solution With Redundant Safety Features

- Lithium iron phosphate (LiFePO4) is the safest chemistry on the market today
- Ion extinguish (ION-EXT) feature will stop thermal runaway
- Reserve capacity warning to recharge
- Individual cell management makes sure each cell is treated safely
- Separate thermal controls for charging and discharging
- Battery management system controls all charging sources

Longest Run Time and Efficiency

Highest Quality Lithium And Components – No Short Cuts!

- "A" grade lithium cells – not readily available in the usa
- Silver and copper throughout BMS and battery – others use aluminum (65% of copper) and nickel (22% of copper) to save cost



to run an air conditioner and other high power loads in all climate conditions and precise battery management for accurately monitors to RVers is the freedom and confidence to camp wherever they want.

FREEDOM SW Inverter/Charger

- The heart of the electrical system, powers all electronics & appliances including air conditioners
- Features the most advanced battery charging algorithms
- Wide operating temperature range (-4°F to 140°F) for all climate conditions
- Remote system monitoring via tablet, laptop or a smart phone

Power electronics such as:



AIR CONDITIONER

+



FREEDOM SW Combox



Auxiliary Alternator

- Best-in-Class output at idle and cruising speeds increasing battery life and ability to re-charge
- 280 A capacity; 180 A idle



Fastest-Engine Recharge Time

Proprietary Control To Safely Get The Most Charging Current To The-Battery During Idle!

- Proven advanced technology alternator for high output at idle
- Low drag coefficient for maximum fuel economy
- Optimal thermal design for long life
- 20% Lighter with 50% more output than traditional alternators
- Multi-step programmable-regulator

Longest Battery Life

LiFePO4, Cell Balancing, A-Grade Cells, And Temperature Control All Contribute To The Longest Lasting Batteries On The Market

- Iron phosphate (LiFePO4) chemistry has twice the cycle life and calendar life than nickel cobalt based chemistries (NMC/NCA)
- LiFePO4 can be left at 100% state-of-charge (SOC) without degrading. NMC cannot or the battery will degrade rapidly
- No cell is ever overcharged!
- A-grade cells naturally have more pure materials and lower impedance and will last longer
- Temperature control protects the battery from charging and discharging at unsafe temperatures which will degrade the battery



GALLERIA Li3

Quality. Luxury. Value.

- **NEW** Firefly Multi Plex Wiring
- **NEW** Residential High Rise Faucet and Sink
- **NEW** High Gloss Maple Custom Hardwood cabinetry! Unmatched Quality!
- **NEW** Mercedes Inspired Interior Seating with Industry First True "Lay Flat Sofa"
- **NEW** Optional Xantrex Freedom e-GEN system with 600 amp-hour Li3 battery and 3000 W pure sine wave inverter



xantrex[™]
Smart choice for power[™]

- **35+ Years** of designing, engineering & manufacturing AC power solutions
- **One of the first** to manufacture inverters for RV manufacturers back in the 90s
- Launched the **first inverter/charger** for RVs in 1992
- Home to North America's **largest & most advanced** inverter testing lab



- Xantrex inverters go through **H.A.L.T.** (Highly Accelerated Life Testing), an extremely effective **product evaluation** method that our engineers use to validate the robustness of each electronic / mechanical design
- Products are subjected to **extreme thermal and mechanical stresses** which allows us to identify and correct any subtle design issues early in the product development stage resulting in **improved reliability** and performance