

GENASUN™

Lightweight Lithium Iron Phosphate (LiFePO₄ - LFP) Battery Systems



Lithium Battery Packs with Complete Battery Management System (CBMS)

Dual-Controller CBMS provides:

*Proprietary on-the-fly cell balancing
Overload, over-Charge, and over-Discharge protection
High and Low Temperature protection
Continuous power if either bank damaged (water, short-circuit, etc.)*

Significant Weight Savings:

50% less weight than lead batteries, 75% less weight for same useable AH capacity

Long Cycle Life:

Lithium Cells rated for >2000 cycles at 80% discharge depth, >3000 cycles at 70% discharge depth

Fast, Efficient Charging:

99+% efficient Ah in vs. Ah out; No Absorption/Acceptance phase necessary

Safe Chemistry:

Extremely stable Lithium-Iron-Phosphate chemistry eliminates thermal-runaway

Sirius Integrator, Inc.

100 Jackson Road
Devens, MA 01434
978-877-7939
www.siriusintegrator.com



GENASUN™

- Made in USA - 2 Year Warranty - Proven Record in Racing and Cruising: 100,000+ Offshore Miles-

System Prices

Battery Systems include preassembled batteries (battery racks, covers, cell interconnects, etc.), and Complete Battery Management System (CBMS). All systems are composed of two completely redundant banks. Capacities listed below are that of each bank, half the total.

Product	Complete System Weight	Price, USD
2x 100Ah, 12V, Low Current, 15A max	30kg	Call for Pricing
2x 100Ah, 12V	31kg	Call for Pricing
2x 180Ah, 12V	56kg	Call for Pricing
2x 360Ah, 12V	103kg	Call for Pricing
2x 100Ah, 24V	59kg	Call for Pricing
2x 180Ah, 24V	103kg	Call for Pricing
2x 360Ah, 24V	203kg	Call for Pricing

Additional System Components

Product	Description	Weight	Price, USD
GV-4-Li-14.2V	4A MPPT Solar Charge Controller for 12V	80g	Call for Pricing
GV-10-Li-14.2V	10.5A MPPT Solar Charge Controller for 12V	185g	Call for Pricing
GVB24-6-Li-28.4V	MPPT Boost Solar Charge Controller, charges 24V battery from 12V nominal solar panel	185g	Call for Pricing
GVX-25-Li-14.2V	25A MPPT Solar Charge Controller w/display, 12V	1.3kg	Call for Pricing
GVX-25-Li-28.4V	25A MPPT Solar Charge Controller w/display, 24V	1.3kg	Call for Pricing
AR1-14.2V	Alternator Regulator for 12V Lithium System	185g	Call for Pricing
AR1-28.4V	Alternator Regulator for 24V Lithium System	185g	Call for Pricing

*Discounted price, valid only when purchased with Genasun battery system.

Consulting:

Genasun can provide consulting to determine the best possible battery and charging configuration for your needs. Programming & configuration of inverters and chargers for Genasun batteries also available.

Warranty:

Genasun solar charge controllers carry a limited lifetime warranty on materials and workmanship. Genasun batteries and battery management systems (BMS) carry a two-year warranty on materials and workmanship. Genasun's warranty does not cover damage due to abuse, operation beyond the rated specifications, or use without a properly installed and configured battery management system (BMS). An on-site system inspection by a Genasun technician or representative is required to activate the warranty on batteries and battery management systems (not required for the 2x100Ah 12V low-current system). Installation is not included. Normal decrease in battery capacity resulting from use is not covered under this warranty.

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