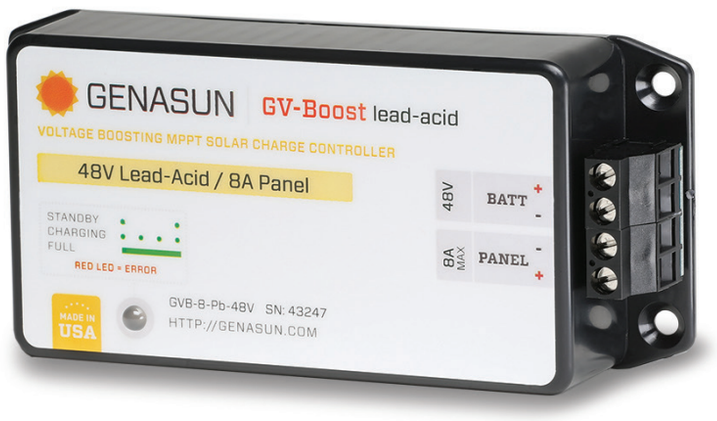
Reliability & efficiency down to a science.

Marine | RV | Industrial | Military | Street Lighting | Off-Grid

Get your money's worth with Genasun. A true problem-solver, the unique GVB charge controller with MPPT allows a lower-voltage solar panel to charge higher-voltage batteries. Want to charge a 24V battery with a 60-cell solar panel? No problem. A 48V battery from a 12V panel? We've got you covered. With 99% peak efficiency and the ability to charge with as little as 5V of input, they are the industry's most efficient voltage-boosting controllers.



GV-Boost | 8A MPPT @ 12-48V

- Built-in fuse
- Ultra-fast true MPP Tracking
- Excellent low-light performance
- Compact for easy installation
- Stock and custom versions available for lithium batteries

Take advantage of Genasun's advanced MPPT technology and enjoy more reliable power from smaller panels.

+10% additional power in the summer. No panel is too hot to handle.

+30% more power on those shorter, colder winter days.

+50% increase in energy harvest from partially shaded panels.

Typical power gains from Genasun MPPT controllers vs the best PWM controllers available.

GENASUN

www.genasun.com
(760) 597-1642

Sold through Blue Sky Energy
sales@blueskyenergyinc.com

Specifications:

	GVB-8-Pb-12V	GVB-8-Pb-24V	GVB-8-Pb-36V	GVB-8-Pb-48V	GVB-8-Li-**.*V
Marine Grade:	Yes				Yes
Waterproof:	NO		NO (See Genasun Model GVB-WP)		NO (See Genasun Model GVB-WP)
Connection:	4-position terminal block for 10-30AWG wire				
Weight:	6.5oz., 185g				
Dimensions:	5.5x2.5x1.2", 14x6.5x3.1cm				
Warranty:	5 years				
Rated Panel (Input) Current:	8A				8A
Minimum Panel Voltage for Charging:	5V				5V
Minimum Battery Voltage for Operation:	9.5V				9.5V
Absolute Maximum Panel Open-Circuit Voltage (Voc):	63V				63V
Charge Profile:	Multi-Stage with Temperature Compensation				CC-CV
Nominal Battery Voltage:	12V	24V	36V	48V	(See specs for closest -Pb equivalent.)
Maximum Recommended Panel Vmp:	13V	26V	41V	43V	
Maximum Recommended Panel Power (8A Panel w/~155mm cells):	105W	210W	325W	350W	
Bulk Voltage:	14.4V	28.8V	43.2V	57.6V	-
Absorption Voltage:	14.2V	28.4V	42.6V	56.8V	-
Absorption Time:	2 Hours				-
Float Voltage (Pb models) or CV Voltage (Li models):	13.8V	27.6V	41.4V	55.2V	**.*V as specified in part number
Battery Temperature Compensation:	-28mV/°C	-56mV/°C	-84mV/°C	-112mV/°C	-
Electrical Efficiency:	95% - 97% typical	96% - 98% typical	96% - 98% typical	96% - 99% typical	(See specs for closest -Pb equivalent.)
Night Consumption:	7mA	6mA	6mA	5mA	
Tracking Efficiency:	99+% typical				99+% typical
MPPT Tracking Speed:	15Hz				15Hz