

GENASUN GVB-8-WP (Boost) Manual


Waterproof Voltage Boosting Solar Charge Controllers with Maximum Power Point Tracking

For models:

GVB-8-Pb-12V-WP: 12V Lead-Acid/AGM/Gel/Sealed/Flooded
Gel/Sealed/Flooded

GENASUN-Laderegler GVB-8-Li-41.7V (Ausführung WP = water proof)
Eingang: 9,5 bis 39 V / max. 8A / max. 325 W für 225,- EUR netto
Ausgang: Landeendspannung 41,7 V - Ladestrom max. 3 A
Tel-Nr und Link zu bestelltem Laderegler: Tel: +31-515-444428 - Versandadresse:
Genasun Europe by DSB Power, De Stille Boot BV, It Butlan 9, 8621 DV Heeg, The Netherlands
https://genasun.eu/products/genasun-gv-boost-8-lithium-41-7-volt-wp-mppt

Genasun Europe by DSB Power
De Stille Boot BV
It Butlan 9
8621 DV Heeg
The Netherlands

-  **GVB-8-Li-41.7V-WP:** 36V (10s) Lithium Cobalt/Magnesium/Nickel
- GVB-8-Li-54.2V-WP:** 48V (13s) Lithium Cobalt/Magnesium/Nickel
- GVB-8-Li-56.8V-WP:** 48V (16s) Lithium Iron Phosphate

8A Input - 105W/210W/325W/350W

www.genasun.com

GENASUN
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GENASUN GV-BOOST WP (ALL MODELS) MANUAL, REVISION 4.0 | 2018

IMPORTANT SAFETY INSTRUCTIONS | SAVE THESE INSTRUCTIONS

Status Indication:

GENASUN GVB-8-Li-41.7V-WP

9 GVB has a MULTICOLOR LED

LED RUN/CHARGE INDICATION

Standby: The battery is connected properly and ready to charge when solar panel power is available.

2 SEC. BETWEEN BLINKS 

Charging (low current, input current less than -3.5A):

FAST & SHORT BLINKS 

Charging (high current, input current more than -3.5A):

LONGER, SLOWER BLINKS 

Charging (current limit): charging at current limit.

The GVB is overloaded and limiting input current. Check that the solar panel rating is within the GVB's input specifications.

LONG, THEN SHORT BLINKS 

Battery Charged: The battery is in the absorption or float charging stage.

SOLID LED 



LED ERROR INDICATION

Overheat: The controller's internal temperature is too high.

SETS OF 2 RED BLINKS. 

Overload: The GVB has been overloaded.

This could be caused by changing the solar panel connections while the controller is operating.

SETS OF 3 RED BLINKS. 

Battery voltage too low: The controller cannot begin charging due to low battery voltage. Charge the battery by some other means before use.

SETS OF 4 RED BLINKS 

Battery voltage too high: Check that the correct GVB has been selected for the nominal system battery voltage. If the nominal battery voltage is correct, check the functioning of other chargers that may be connected to the system. This error can also be caused by a disconnected battery or blown fuse.

SETS OF 5 RED BLINKS. 

Internal Error: Contact your dealer for assistance.

2 LONG BLINKS, FOLLOWED BY ANY NUMBER

OF SHORT BLINKS. 