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Last purchased Jun 8, 2021.
Color: Black | Free order

GHB 20A 12V 24V Solar Charge Controller Auto Switch LCD Solar Panel Battery Regulator Charge Controller Overload Protection Temperature Compensation

Brand: GHB

701 ratings

Price: $37.99 & FREE Returns

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Color: **Black**

- LCD Screen Display: The This solar panel charge controller adopts the LCD screen display design, the LCD has rich contents, the users can intuitively know the working condition of the controller. The LCD display is with built-in energy saving backlight LCD, display better, more clear, more beautiful, more convenient and more practical.
- Fully Automatic: In This solar panel regulator with output switch, intelligent control, easy to operate, to connect the controller and the battery by cables with the right polarity. The battery indicator light on the controller will be on if successfully connected, otherwise, to check and reconnect.
- Intelligent Charge Management: Adopted digital accuracy, when it's charging, the arrow between the panel icon and the battery icon will flashe fastly, when the battery was a full charge, it will be slow flashed, will stop charging the function of the controller is to prevent the battery from overcharging. Suitable for DC lamp and phone charging. A key to open and close the load.
- Rated Discharge Current => 20A, USB Output Voltage: 5V, Total USB Output Current: 3A, DC Output Voltage: 12V, To connect your load and the cables with the right polarity and then connect with the battery. Pay attention to the polarity and special attention to => polarity to avoid reversed connection, otherwise, your load may be damaged. Wrongly connecting, the arrow between the panel icon and the battery icon will flashe fastly, when the battery was a full charge, it will be slow flashed, will stop charging the function of the controller is to prevent the battery from overcharging. Suitable Available for DC lamp and phone charging. A key to open and close the load.
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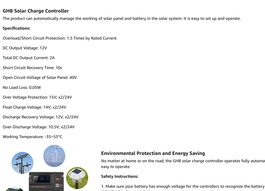

GHB Solar Charge Controller

The product can automatically manage the working of solar panel and battery in the solar system. It is easy to set up and operate.

Specifications:

Overload/Short Circuit Protection: 1.5 Times by Rated Current

DC Output Voltage: 12V

Total DC Output Current: 2A

Short Circuit Recovery Time: 10s

Open Circuit Voltage of Solar Panel: 40V

No Load Loss: 0.05W

Over Voltage Protection: 15V ±2/24V

Float Charge Voltage: 14V ±2/24V

Discharge Recovery Voltage: 12V ±2/24V

Over-Discharge Voltage: 10.5V ±2/24V

Working Temperature: -35~55°C

Environmental Protection and Energy Saving

No matter at home or on the road, the GHB solar charge controller operates fully automatically, easy to operate.

Safety Instructions:

1. Make sure your battery has enough voltage for the controllers to recognize the battery type (12V/24V) before installation.
2. The regulator is only suitable for lead-acid batteries: OPEN, AGM, GEL, (NOT suitable for lithium batteries, Ni-MH battery)
3. Only suitable for working with photovoltaic solar panels. (NOT for other DC or AC power source)

Easy to Operate

1. Connect the battery to the charge regulator - plus and minus.
2. Connect the solar panel to the regulator - plus and minus.
3. Connect the load to the charge regulator - plus and minus.

NOTE: The reverse order applies when dismantling! An improper sequence order can damage the controller!

Dual USB Charging Output Inter

Dual USB output (1A, 2A), this solar charge controller can simultaneously charge or supply power to two mobile phones, tablet PCs and other devices that require 5V power.

Fully Automatically

Makes use of the available Solar Power. (Note: The battery cable should be as short as possible to minimize loss.)

Provide Full Protection

- Over-load protection
- Short circuit protection
- Lightning protection
- Under-voltage protection
- Over-charging protection
- Reverse Polarity protection

Compare with similar items

	This item GHB 20A 12V 24V Solar Charge Controller Auto Switch LCD Solar Panel Battery Regulator Charge Controller Overload Protection Temperature Compensation	20A Solar Charge Controller Solar Panel Battery Intelligent Regulator with Dual USB Port 12V/24V PWM Auto Parameter Adjustable LCD Display	Renogy Wanderer 10 Amp 12V/24V PWM Negative Ground Solar Charge Controller Lithium Compatible with Bluetooth Module	[2021 Upgraded] 30A Solar Charge Controller, Black Solar Panel Battery Intelligent Regulator with Dual USB Port 12V/24V PWM Auto Parameter Adjustable LCD Display (30a)
Customer Rating	(701)	(1529)	(1772)	(127)
Price	$37.99	$16.99	$18.01	$37.99
Shipping				
Sold By	Red SKY	Binen US	Amazon.com	Depoko

Product information

Color: **Black**

Product Dimensions	5.12 x 3.94 x 1.18 inches
Item Weight	10.4 ounces
Manufacturer	Sinoled/Satisfaction
ASIN	B01LZZMDSQ
Customer Reviews	701 ratings 4.3 out of 5 stars
Best Sellers Rank	#22,555 in Patio, Lawn & Garden (See Top 100 in Patio, Lawn & Garden) #15 in Renewable Energy Controllers
Is Discontinued By Manufacturer	No

Warranty & Support

Product Warranty: For warranty information about this product, please click here

Feedback

Would you like to tell us about a lower price?

Videos

Page 1 of 2

Videos for this product

Easy to setup Solar Charge Controller
Farmer Brad

Customer Review: Easy to setup and use.
Chris

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4
$132.60

Customer questions & answers

Have a question? Search for answers

3 votes	**Question:**	Can this controllers output voltage be set to 24 vdc? I need to series two twelve volt batteries and supply a system with 24 vdc.
	Answer:	The information on specs are unclear but it does work. I have two 12 volts in series on my boat in flat storage with no electrical around. I bought one 24V solar panel, connected to this controller and it works great. The settings are automatic if you follow directions. Here is my summary for my fishing club. - see more By Steve Hale by James R. Lemke on August 21, 2017 See more answers (2)
2 votes	**Question:**	Ok asking my question again ..... How many working amps? Didn't know children answered these too lol
	Answer:	LOL Dana is not up to date on facts. I have a 8 gauge wire connecting both the panels and the batteries. 20A charge and usage throughs the "load" terminals. Also if you series 2 panels instead of parallel your amps drop by half and voltage increases to 24v, series 2 batteries and get a step down transformer on the load. ... see more By B.B. on April 22, 2021 See more answers (5)
1 vote	**Question:**	Can you set this to charge the battery once it gets to a certain level?
	Answer:	It will charge the battery and taper off when the battery is fully charged. It won't charge a dead battery or work well if the battery is in a low charge state.
		By B. G. on April 19, 2018
1 vote	**Question:**	Can I hook up a 750 watt inverter to the Load terminals of the controller?
	Answer:	No you cannot. As previously stated, I'd hook the inverter straight to battery although you can hook a relay in series between the battery and inverter and use the controller load to power the coil of the relay. This will allow the controller to shut down the inverter in case of any problems. Use a relay rated for at l ... see more By Corey Willis on June 15, 2019 See more answers (2)

See more answered questions (225)

Customer reviews

4.3 out of 5

701 global ratings

5 star	66%
4 star	16%
3 star	6%
2 star	5%
1 star	7%

How are ratings calculated?

By Feature

Easy to use	5.0
Easy to install	4.5
Easy to read	4.5

See more

Reviews with images

See all customer images

Read reviews that mention

charge controller	stopped working	usb ports	output current	
watt panel	battery voltage	easy to install	solar charge	solar panels
much better	right out of the box	easy to read	screw terminals	

Top reviews

Top reviews from the United States

S. B. in Tracy