



Overkill 8 cell bms 100a

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BMS For 8 cell, 24v volt Lithium-iron-phosphate DIY batteries. 100 amp continuous charge or discharge current. Low Temperature Charging cutoff at -1c. The Apps allow you to monitor SOC (state of charge), Current, Voltage, cell balance, temperature, and more.

If you choose to add crimped copper lugs, the high current wires will be hydraulically crimped into a single tinned copper lug on each side, and finished with heat shrink tubing.

Final assembly, testing and calibration is done in Naples, Florida. Units with 8 gauge wires and/or crimped lugs are assembled in Naples, FL. The BMS is manufactured in China.

FYI for experimenters: The BMS communicates with a 5v TTL UART at 9600 baud. It is directly compatible with Arduinos, etc. We have written a new Arduino library for the BMSs, now available on the downloads page. The beta version allows you to read all the monitoring parameters and switch charge and discharge on/off. Future releases will have full read/write capability. A python library is also in the works.

I posted this on DIY Solar Power with Will Prowse channel also. He had this BMS listed in the description and it's how I found it. "How could you not love this BMS?" It's just about idiot proof and if you do kill it and it's your fault they will still refund/replace. I mean seriously how are you going to beat it. I can view cell details with your iPhone or Android. It was a perfect fit for my project. Paperwork and illustrations are simple and very well done. I paid the extra \$10 to have the lugs crimped on and think it's a great value.

Worked perfect for me. I 3D printed a holder and standoff's to make it easy to mount on the side of the battery. The return policy made me laugh. If you fry it .. no problem. No matter what dumb thing you did to kill it I don't care. I will refund your money. How can you beat that. Bluetooth connection to the BMS makes it easy to keep track of the cells in your battery. When I build another battery I will get another of these.

Holy cow, the level of attention and care that has been put into selling this in the US market is amazing! Clear, concise instructions, tons of info, testing of the BMS with testing report on the unit. Goodies in the box, fast shipping!

I am building an 8s LiFePO4 pack with EVE280Ah cells. My largest load will be a Victron Multiplus 24/3000 (or a Xantrex SW 3024). The Overkill solar 8s BMS isn't going to be sufficient. Does Overkill have a 150A or 200A 24v BMS? I'm aware of other options, but I'd like support a local guy and have someone in the US to talk to. Thank you.

Contact us for free full report

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