

Dual Overkill 120 amp BMS running in parallel WORKS GREAT- though per Steve at Overkill, it is not recommended. I have new 4s 280 amp hour cells, grade A.. Balanced in bulk with AGM battery charger, then topped off with a Hobby LiFe charger. My plan is to get 4 more cells, but I wanted to plan for that time about 2 months from now for shipping.

Wills old video shows overkill as the bms he recommends and I can't find any newer videos on a setup, but the forum seems to recommend JK as the go to now. Are either of these available for US shipping as id need in the next couple weeks and couldn't wait the 2-3 month shipping time of AliExpress.

The BMS is manufactured in China. Example of a complete 8 cell battery with BMS: [Click here for detailed assembly instructions for this battery. PDF.](#) To view or change Parameters, there are 3 ways to connect to the BMS. All 3 applications are free. iPhone App: Overkill Solar Mobile App; Android App: Overkill Solar Mobile App

There is "Solar" in the company name "Overkill Solar". Does that mean that the firmware will be best equipped for the irregular nature of solar charging currents? LiFePo4 cell datasheets always terminate at 3.65V with 0.033C, 0.005C ...

We are in the process of testing prototypes of the new Nomad and Pathfinder BMS to find the thermal limits and current ratings. (The current rating is determined by temperature limits) ... 16s-48v battery banks in service now with the old Overkill BMS, works great. We have 48 more cells ready to top balance & put together. Like the specs of the ...

Good news, I finally have a complete Pathfinder BMS on my desk! Status. I will be putting these up for pre-sale ASAP, but there is still work to do. ... Overkill Solar LLC Global Footprint. Contact. Email: Support@OverkillSolar . Return Address: Overkill Solar LLC 3673 Exchange Ave, Suite 3

?Overkill Solar iOS App allows users to connect with the Overkill Solar Battery Management System (BMS). It can monitor voltage of the cells, total capacity, charging and discharging current, and switch the charging and discharging ports on or off. Features: - change bluetooth advertising name...

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I don't recall what the charge voltage is but absorption is 14.2 so assume that to mean it charges to that point.

Now, float is set to 13.5 but the BMS balancing is set to start at 13.4. Might need some fine tuning. First picture is the BMS configuration, second is ...

A.2: 12V Pack, 4 Cell, Using One 12V BMS and 100Ah LiFEPO4 cells 29 Mechanical Drawing 29 Bill of Materials 29 Wiring Diagram 31 BMS Configuration Parameters 31 A.3: 12V Pack, 8 Cell, Using One 12V BMS 32 A.4: 24V Pack, 8 Cell, Using One 24V BMS 32 A.5: 24V Pack, 8 Cell, Using Two 12V BMSs 33 A.6: 24V Pack, 16 Cell, Using One 24V BMS 33

I just built 2 24 volt 240 amp hour battery banks with the overkill solar bms 8cell 100 amp. The bms is preset for 100 amp hour and my cells are 240 amp hour. What settings should I change in the bms settings. What do I need to change them to?

Yes, the BMS has a built-in balancing function. HOWEVER no, it is not capable of doing an initial balance on new cells.. The balancer works by connecting a tiny bleed resistor to the cells with the highest voltage, and the excess energy in those cells turns into waste heat. This is a slow process. The intention is that the BMS can maintain the balance on the cells as they slowly ...

The polling rate of the data being requested from the BMS can be changed, using the `bms.set_query_rate()` method. Simply provide it with an integer period time, in milliseconds. There is an example in the section below. If the BMS is not responding, then the method `bms.get_comm_error_state()` will return true. If it is responding and outputting ...

Easily add a BMS to your used Tesla 6-cell battery module. All the balance wire connections are made by the interface board, no need to modify the original balance wires or ribbons. This kit includes a BMS and Interface board- You supply your own Tesla battery module. BMS For 6 cell, 24v volt Lithium-ion Tesla battery modules

This will allow your JBD/Overkill BMS to communicate with any inverters that support Goodwe and Pylontech Low voltage batteries via CAN bus (Protocol compatible with Pylontech V1.3 and Goodwe V1.5), this should be most 48V inverters, hybrids etc. Thought this may help some others who would like inverter comms with their JBD/Overkill BMS.

I am quite new to DIY batteries, but having tried an aliexpress daly bms, this overkill 48v bms is packaged much more professionally. Main metric I use to prove the quality of this unit is the lack of voltage drop across BMS when checking total battery voltage. The daly bms read 9.6v for a 4 cell 12v DIY battery which is >13v when bypassing the ...

Web: <https://www.triceratech.co.za>