200ah lithium battery review



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In this video, I review an Ampere Time 200Ah 12V lithium battery with self-heating capability. Low temperature charging down to -4F/-18C. I also test out one of their 20-amp lithium battery chargers.

Everything tested OK except for an issue with the max-rated discharge current of 100A. In my test, I could go as high as 200 amps. Ampere Time tech support told me that the lithium cells are rated at 200 amps, and the BMS may allow up to that if it's not running too hot. But it's not recommended to preserve long-term cell life. The BMS will stop charging if it senses its temperature is too high.

In this video, I show you an issue I've been having with the Ampere Time 200Ah 12V battery I reviewed in November 2022. Intermittently the output power dies, and the voltage drops to a volt or less. My feeling is the BMS is defective. I'll see what Ampere Time, now LiTime, says about it.

In this video, I test out a replacement Ampere Time 200Ah self-heating battery to see if it solves a problem with the BMS cutting off when charging is disconnected. I'm happy to say the problem was solved. Unfortunately, though, it still won't start my ALFFAA 1500W inverter unless I parallel two of them together.

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