

## Somalia ess 1 soc is low

What happens if a solar system reaches a low SoC limit?

When weather conditions change, and more solar energy becomes available, the system will once again lower the Low SoC limit, day by day, making more battery capacity available for use (it will eventually return to the user-preset limit) - whilst still ensuring that the battery SoC ends each day at or close to 100%.

Is there a Max SoC / minsoc setting?

I'm not clear. There is a Max SoC setting but it only applies to charging from the grid, if there is enough solar PV available the battery will charge to 100% from it. There's two MinSoC settings, as you might want a different threshold if you're using the system offgrid as opposed to grid connected.

What's the difference between minsoc on grid and EPs?

I can't seem to find any explanations in the manuals. minSoC on grid is the minimum you want the battery to fall to whilst running on grid power. The reason for the difference is that some people use the EPS (backup) power option and to do this effectively you need to leave a surplus to run off just in case the grid power is to fail.

How many minsoc settings are there?

There's two MinSoC settings, as you might want a different threshold if you're using the system offgrid as opposed to grid connected. The early firmware in the BMS wasn't great at managing battery charge levels so some people were warned by their installers not to go below 20% as a safety buffer.

Why did my installer insist on a 20% minimum SoC?

calum wrote: ? Sun Jul 23, 2023 7:38 pm I suspect your installer insisted on a 20% minimum SoC because of the somewhat "under baked" early firmware for the batteries and BMS. This could see SoC tracking problems lead to significant drops in reported SoC under minimal actual load.

Meaning - it is "for fun" charging with ESS#1 and ESS#2 from 30% to 33% .. and then it "just uses the 3%" for loads and then it again charges with ESS#1 and ESS#2 the 3% and uses them for ...

Mein Multiplus II 48/5000 entl. den Akku ber eine groe Spanne relativ problemlos, aber im unteren SOC Bereich habe ich Schwierigkeiten mit der Optimierung. Ich habe 10% SOC ...

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