

Subject: Force charging your battery on Univers EMS - User View

Revision History

Version 1.0 - April 2025 - Initial release

Applicable products and models

EESOLAR-(5-30) with Backup Box

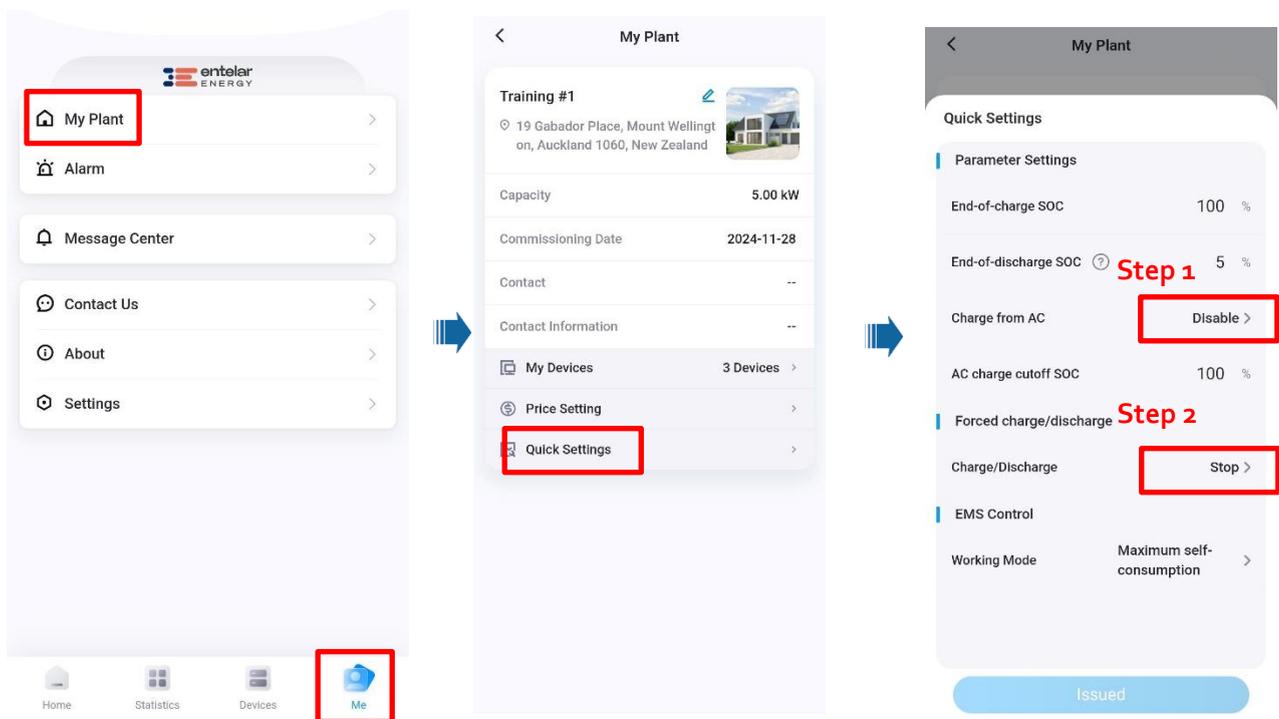
Description

In the event of severe weather or other situations where a power outage is likely, it's recommended to ensure your battery is fully charged in advance. You can force charge your Entelar Energy EESTORE battery using the Univers EMS App. Make sure you are using Univers EMS version 1.3.1 or later to access this feature.

⚠ Please note: While a backup box is not required to force charge your battery, it is required to access and use the stored energy during a power outage.

Instructions

Login into Univers EMS App, select 'Me'>'My Plant'>'Quick Setting'

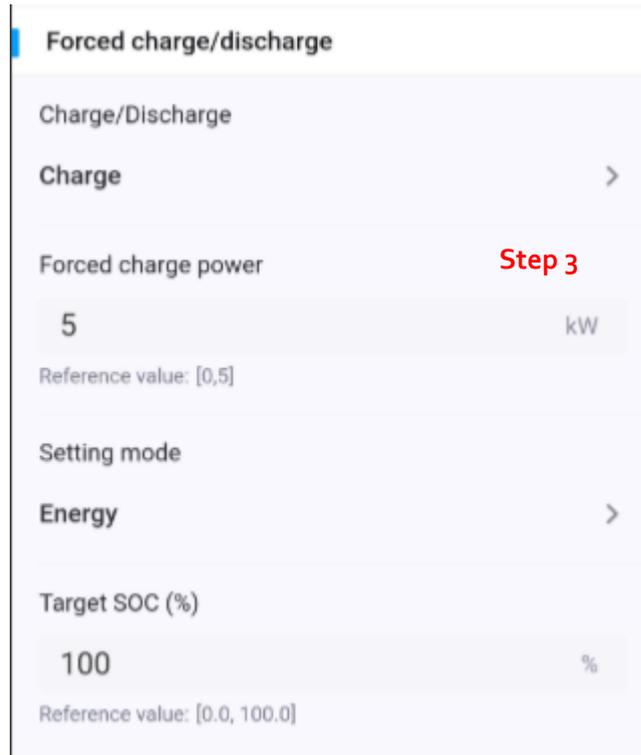


Step 1

Enable **Charge from AC**. Charging the battery from AC power means you are allowing for battery charging from the grid, if you disable this function the battery will only be charged from the PV panels and will not be charged from the grid.

Step 2

Select Charge from **Forced charge/discharge** and a pop up menu will be displayed giving you options to Stop, Charge or Discharge. Highlight Charge and press confirm.



Forced charge/discharge	
Charge/Discharge	
Charge	>
Forced charge power	Step 3
5	kW
Reference value: [0,5]	
Setting mode	
Energy	>
Target SOC (%)	
100	%
Reference value: [0.0, 100.0]	

Step 3

Set the “Force charge power” to 5kW and setting mode as “Energy”, with target SOC (%) at “100%”. Then, the battery will be charged from the grid with 5kW power until the battery reaches 100% of its total capacity.

This overrides the automatic control of the battery system regardless of current conditions or programmed parameters.

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