How to 'Force Charge' Sungrow Battery using the iSolarCloud App (Android)

Disclaimer

The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.

There may be occasions where you want to charge your battery from the grid.

This could be to check the battery and the charging circuits, or you may be on a 'Time of Use' tariff and have a cheap overnight rate.

This can be easily done in the iSolarCloud App.

Procedure:

Log into your plant on the iSolarCloud App, then select "Device" click on the inverter > Settings > Energy Management Parameters:

5:06 번 M M 외양波교 68%을 < Sungrow AU test centre SC2 플 Overview Device	Overview Device Q Search	5:26 ± 번 현 현 백 종료 il 78% 회 < Energy Storage S Task List sults Curve Settings Remote Signalir Data Update Tin 59/09.09:25
Normal 3 29℃	All(3) Hybrid Inverter(1) Commun Filter ? SH5.ORS Hybrid Inverter ···· @ Normal @ Hybrid inverter S/N:	Boot/Shutdown > Protection Parameters >
T T	Total Active Power Total DC Power 2.481kw 4.274kw Associated Communication Device S/N:	Initial Grid Australia >
1.75kw	Battery(I) >	Energy Management Parameters > Advanced Settings >
Real-time Power(kW) Installed Power(kWp) 1.75 2.50 Day Week Month Year Lifetir	Normal Communication Module S/N: WLAN Signal Strength	
Energy Analysis	Batteryl Normal Battery S/N:	Query Parameters
	Battery Voltage Battery Current Battery Level 333.4v -5A 39.7%	

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SUNGROW

Select *"Forced Charging",* then enter the start and stop times, and the target charge SOC%.

Enable and confirm.

< Energy Management Paramet	•	< Energy Management Paramet	
Data Update Time: 16/10/2023 18:56:24		Data Update Time: 16/10/2023 18:56:24	
Weekday Discharging Start Time 1 Set Value:	>	Weekday Discharging Start Time 1	
Weekday Discharging End Time 1 Set Value:	>	Weekday Discharging End Time 1	
Weekday Discharging Start Time 2 Set Value:	>	Weekday Discharging Start Time 2	
Weekday Discharging End Time 2 Set Value:	>	Weekday Discharging End Time 2	
Weekend Discharging Set Value: Please Select	>	Weekend Discharging	
Forced Charging Set Value: Please Select	>	Cancel Forced Charging Confi	
DO Configuration Set Value: Please Select	>	Please Select	
		Enable	
Apply Settings			

You can select two different time periods as long as they don't overlap.

If the battery reaches the target SOC% before the end time, it will remain at that SOC% and will not charge or discharge until the time slot is expired.

To switch off the forced charge, select 'Disable'.

If the issue still persists, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au.

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