

Subject: Setup TOU on Univers EMS

Revision History
Version 1.0 - July 2024 - Initial release

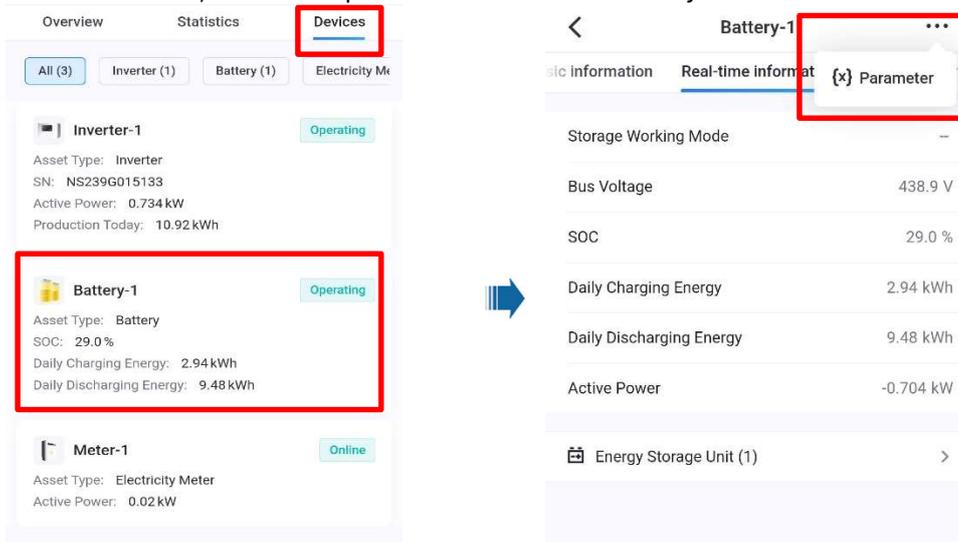
Applicable products and models
EESOLAR-5-30

Description

Setup the TOU (Time of Use) function on Univers EMS to optimize the Entelar Energy battery usage. This note will guide your installer or installer admin to set the TOU parameters on Univers.

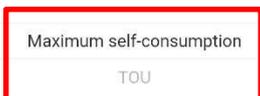
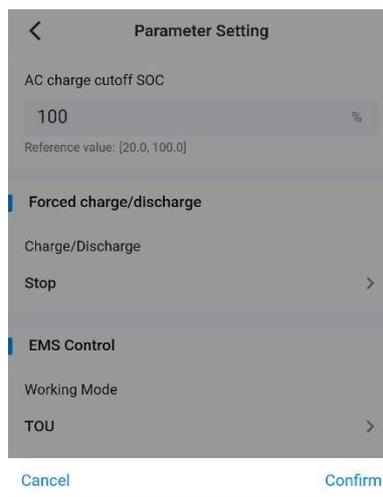
Instructions

Login into Univers EMS APP, select the plant. Click Devices>Battery>Parameter



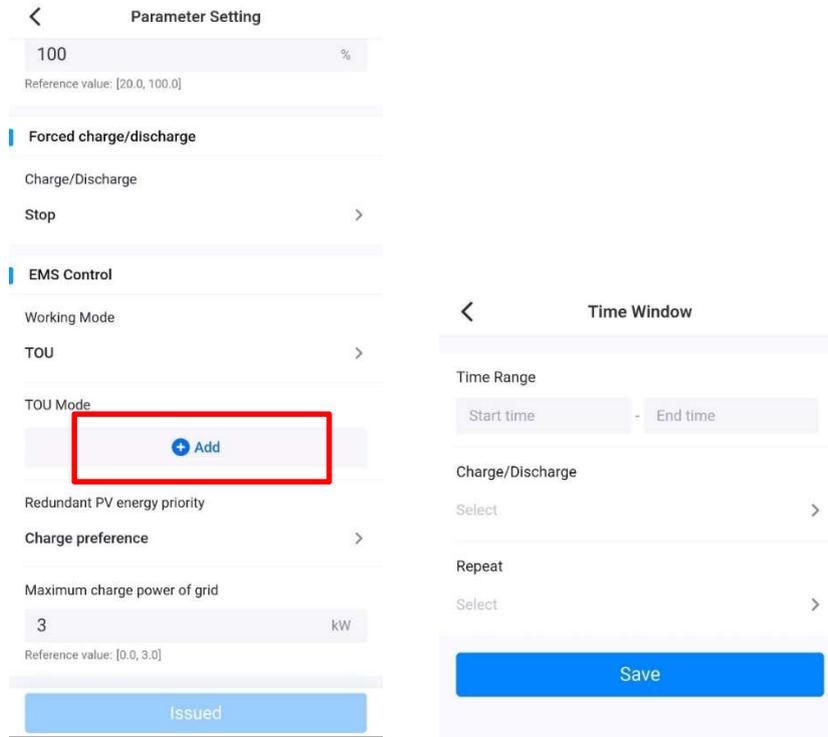
The EMS Control Working Mode default setting is 'Maximum self-consumption', which means the system will automatically use all available solar energy to power your home and charge the battery. This mode prioritizes available solar power and energy stored in the battery over imported electricity from the grid.

Select 'TOU'.

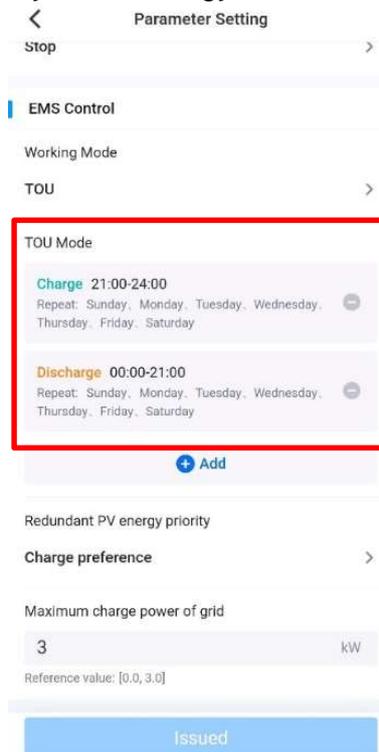


Click Add, and setup the 'Time Window'. Then, click Save.

After setting up the parameter, click 'Issue' to make sure your command is sent out. Then, your battery will behave as set.



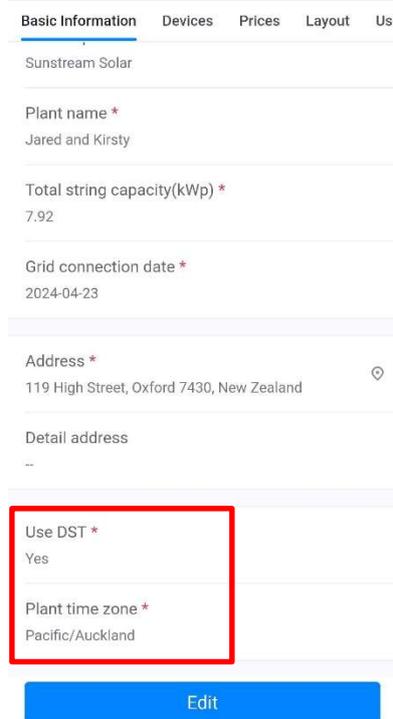
For example, if you enjoy off-peak rates from 9pm-midnight every night. You could choose the Time Range from 21:00-24:00 for Charge mode and repeat every single day. Also, set 00:00-21:00 for Discharge mode, so that you will use any stored energy before drawing from the grid.



Tips:

TOU settings cannot be set over two calendar days i.e. 23:00-01:00

Make sure you select the correct time zone for your plant. It should be DST (Daylight Saving Time) 'Yes', and 'Pacific/Auckland'.



Basic Information Devices Prices Layout Use

Sunstream Solar

Plant name *
Jared and Kirsty

Total string capacity(kWp) *
7.92

Grid connection date *
2024-04-23

Address *
119 High Street, Oxford 7430, New Zealand

Detail address
--

Use DST *
Yes

Plant time zone *
Pacific/Auckland

Edit

-END-

Entelar Energy
Level 3, 46 Sale Street
PO Box 90314
Auckland 1010, New Zealand