

Configuration files

Download file, copy it to microSD card (FAT/FAT32 filesystem), insert into display and go to Controller - Updates and settings - Import.

Don't change filename, or controller will not find it. If it was renamed by system (multiple files with same name) you need to fix filename.

Standard names for controller configurations: nconf.cfg, nconf2.cfg, ..., nconf9.cfg

Small geared motors

Includes PID regulators preset for small geared motors.

[Import configuration 6](#)

Sur-Ron Light Bee, 3 speed mode, configuration

Standard Sur-Ron configuration.

Default 16S battery (110A peak, 90A nominal), 500A phase, 48T wheel sprocket.

[Import configuration 3 for P24F](#)

[Import configuration 2 for older controllers](#)

Sur-Ron batteries specs:

32Ah ncr18650pf 110A max (11P)

34Ah ncr18650pf 110A max (11P)

38Ah Samsung 35e 88A max (11P)

40Ah NCR21700A 120A max (8P)

Talaria Sting MX3, 3 speed mode, 8kW configuration

Talaria MX3 configuration.

Default 38.4Ah 16S battery, 500A phase, 13-44T sprockets.

[Import configuration 5](#)

MX3 battery specs:

Greenway. LG 21700 Li-Ion. 60V 38.4AH (2280 Wh). 135A

Talaria Sting MX4, 3 speed mode, 11kW configuration

[Talaria MX4 configuration.](#)

Default 43.5Ah 16S battery, 500A phase, 13-44T sprockets.

You can setup up to 220A battery current at your own risk, this may damage battery!

[Import configuration 7](#)

Extract and import for SCUD battery (130A continuous)

MX4 battery specs:

Greenway. LG 21700 Li-Ion. 60V 45Ah (2700 Wh). 180A

SCUD. LG 21700 Li-Ion 60V 45Ah (2700 Wh). 135A

Talaria Sting MX4, 30kW configuration

[Talaria MX4 with Sotion fw02 motor](#)

400a battery

320a field weakening

50a boost for 9 sec

80v 45ah zemso battery

Molicel p45 cells 500a bms

Download and unzip

Talaria XXX, 3 speed mode, 6.6kW configuration

Talaria configuration.

Default 16S battery 110A, 400A phase, 14-48T sprockets.

[Import configuration 8](#)

From:

<https://docs.nucular.tech/> - **Nucular Electronics**

Permanent link:

<https://docs.nucular.tech/doku.php?id=en:controller:config-files&rev=1725270011>

Last update: **2024/09/02 11:40**