

I. Charging function

Charging function allow vessel operator to recharge batteries while sailing or using other propulsion on the boat (hybrid system). NOTE: E-Tech drives cannot be operated as generators and propulsion at the same time.

To start charging batteries using E-TECH drives as generators, please follow this steps:

- move throttle to neutral position,
- turn ignition key to ON position,
- turn ON charging switch (indicator light will appear when ON)¹,
- when indicator light will appear and charging switch is in ON position move throttle forward slightly to start charging. (NOTE: throttle position is not related to charging power! Throttle need to be slightly forward, pushing throttle to maximum position will not increase charging performance. Maximum forward throttle position might be dangerous for operator if charging key will be turned OFF unintentionally motor will start working as a propulsion),
- good job! Your batteries are charging².

!DO NOT TURN OFF CHARGING FUNCTION WHEN THROTTLE IS NOT IN NEUTRAL POSITION!

To stop charging batteries using E-TECH drives generator function, please follow this steps:

- move throttle to neutral position,
- turn charging switch into OFF position,
- good job! Your E-TECH drives is ready to work as propulsion system.

Charging function should be turned OFF when batteries are fully charged, otherwise E-Tech controller will turn OFF itself showing OVERVOLTAGE error.

If propeller makes too much drag while charging function is ON please contact E-Tech.

¹ Charging switch is ON or OFF position, switch will stay in desired position until switching it ON or OFF again.

² Charging performance is only related to propeller RPM (not throttle position).