



# DuoRacer Series

What's in a duoracer manual?

This manual contains all the safety, installation, and operation instructions for the DuoRacer series MPPT Dual Battery Solar Charge Controller (referred to as the controller in the next contents). ...

What is a duoracer marine series solar controller?

The DuoRacer marine series solar controllers are the first MPPT controllers designed with dual output. The DuoRacer controller can charge two battery banks simultaneously.

What is a duoracer controller?

Max power from solar panels - DuoRacer controllers have rapid MPP (Maximum Power Point) calculation capability to achieve the maximum output from a solar array. At 99.5% efficiency they are one of the most energy efficient controllers available which means they will convert the maximum amount of solar energy to battery charging power.

Can a duoracer controller charge two battery banks simultaneously?

The DuoRacer controller can charge two battery banks simultaneously. The bulk of solar power is used to charge the primary or main house battery bank (batt1) while a lesser amount of solar power is used to trickle charge the secondary battery bank (batt2) which is typically the start battery.

How do I program the duoracer?

The DuoRacer can be easily programmed from the built in display, the MT11 remote display meter, an optional Bluetooth smart phone app or a computer connected via an optional cable. The Bluetooth option enables monitoring the solar system from a Smartphone or tablet. Click [here](#) to see the DuoRacer instruction manual.

How does MPPT charge controller duoracer work?

MPPT charge controller DuoRacer charges the main battery (BATT1) for living and supports charging to start the battery2 at the same time.

The 30 amp DuoRacer controller is designed for solar arrays up to 390 watts. It can charge two battery banks simultaneously. All DuoRacer controllers include a built in display meter providing the same information as the optional MT11 ...

Venus Series Monocrystalline 12V-24V ; Black Series Monocrystalline 12V ; SunPower Series 12V ...  
EPEVER®; DuoRacer Series | MPPT Charge Controller Dual Battery (10A-30A), 12/24VDC. Additional contact mail (leave blank)\* I ...

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Web: <https://www.raioph.co.za/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

