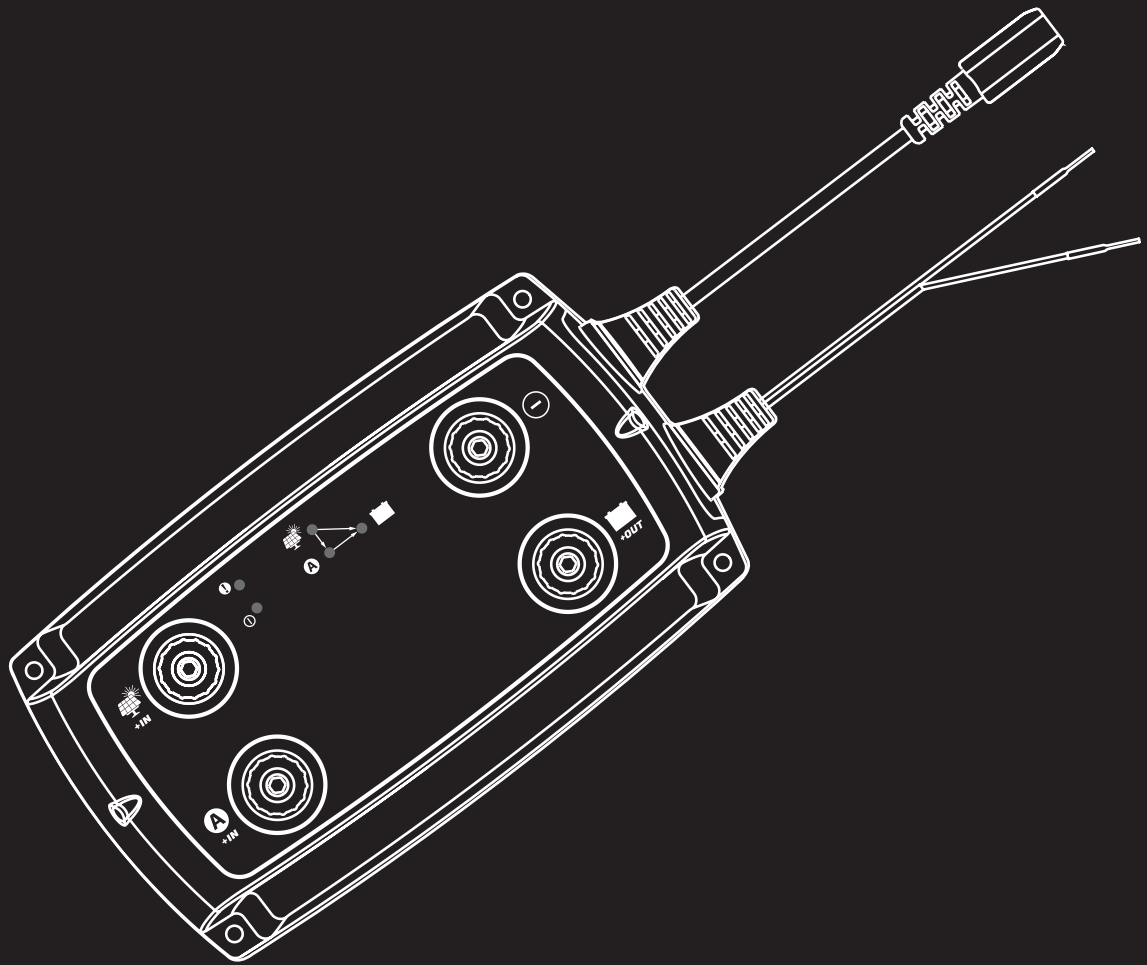


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FAQ

D250S DUAL



D250S DUAL The error LED is flashing.

Explanation: The charger has detected a problem. This LED is always flashing with some other LEDs lit to tell what the problem is.

If only the power on lamp is lit, then the temperature at the target battery is too high. The charger will not charge the battery if the temperature is above 65°C, as soon as the temperature is lower, the charging will automatically restart.

If the alternator or solar LED or both are lit when the error led is flashing a connection problem is detected with the target battery, check the connections.

D250S DUAL Power LED is not lit.

The target battery voltage must be above 9V.

D250S DUAL The Power LEDs are flashing rapidly or glowing faint.

The charger has entered power save mode due to low voltage.

D250S DUAL The charger does not start charging.

In order to start charging the supply voltage needs to be above 13.1V on the supply battery input or above 11.5V on the solar input. The voltage on the target battery also needs to be above 5V. The solar voltage also needs to be higher than the alternator input voltage.

Test: Test Use a voltmeter to verify that the voltages are within the levels specified above.

D250S DUAL The charger does not stop charging the target battery even though the alternator or charger on the supply battery has been turned off.

When charging of the supply battery is turned off the voltage will drop. The output power of the charger is dependent on the input voltage. With lower input voltage the output power is lower. Due to this it may take some time until the charger stops. It will however not drain the supply battery; the charger will turn off when the voltage has dropped below 12.8V. If there is power on the solar panel, this will be used to charge the target battery.

Why does the D250S DUAL not stop charging the service battery even though the alternator or charger on the starter battery has been turned off?

When the engine is turned off, D250S DUAL will continue charging as long as the voltage of the starter battery is above 12.8V. Due to this, the end of charging will be briefly delayed.

NOTE: It will NOT drain the starter battery. If there is power to the D250S DUAL from the solar panel, it will charge/maintain the service battery.

Why does the D250S DUAL not start charging?

In order to start charging the supply voltage from the D250S DUAL needs to be above 13.1V at the service battery input, or above 11.5V from the solar input on the D250S DUAL. In addition, the voltage on the service battery must be above 5V.

Measure the voltage of the batteries and verify that they are within the levels specified above.

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