



40A

# MPPT Charge Controller

The key to achieve scope goals

## Product Data Sheet - Transportation

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### MPPT Charge Controller 40A

#### Description

A charge controller regulates and optimise voltage and current from solar panels to batteries. It prevents overcharging and damage, ensuring optimal battery performance and lifespan.

Our MPPT Charge Controller uses advanced MPPT technology to ensure high efficiency, reliable performance and access to green data.

#### Product Features

- GPS tracking for fleet managing
- IoT system
- App connection
- Compatible with many battery types
- Ingress Protection (IP65)

#### Product Data

STATIC POWER CONSUMPTION	≤110mA
BATTERY TYPE	Lithium & lead-acid
SYSTEM VOLTAGE	12V/24V
BATTERY OPERATION VOLTAGE RANGE	10V-32V
RATED CHARGING CURRENT	40A
MAXIMUM PV INPUT CURRENT	35A
MAXIMUM SOLAR PANEL POWER	520W/12V – 1040W/24V
MAXIMUM PV OPEN-CIRCUIT VOLTAGE	150V
PROTECTION GRADES	IP65
COOLING MODE	Natural cooling
DIMENSIONS	L=260 mm, W=216 mm, H=75 mm
WEIGHT	2.3 kg
PROTECTION	PV Overvoltage, PV short-circuit, Reverse charging, Input overload, overtemperature

[Installation Video](#)[Download App](#)

#### Live monitoring via our app

With our in-house developed app you get a user-friendly and efficient way to monitor and track the data from our MPPT Charge Controller.

The app is available for download in the **Google Play Store** and the **App Store**.