



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, AGM & 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**.