

# SolarGo2 MPPT Solar Controllers

## Intelligent Charge Control

The latest SolarGo2 solar charge controllers combine robust build quality with advanced battery management, supporting Lead Acid, Gel, AGM, Calcium, and Lithium Phosphate systems.

They feature automatic 12V/24V battery system sensing, ensuring the controller instantly recognises your setup for a seamless installation. Our MPPT units also offer wireless communication for easy monitoring and control from most smartphones.

Every controller includes a built-in display for clear, instant visibility of voltage, current, and charging status, while comprehensive protections guard against overcharging, reverse polarity, and system faults, giving you full confidence in your off-grid power setup.



SolarGo2 10A MPPT Solar Controller



SolarGo2 20A MPPT Solar Controller



SolarGo2 30A MPPT Solar Controller

## Remote Display

### Full Visibility

The SolarGo2 remote display gives you full visibility of your SolarGo2 MPPT controller from wherever it's most convenient, letting you monitor system performance without needing to access the controller itself.



### Key Features Remote Display

- **Clear, Real-Time Display** of key system metrics.
  - Battery voltage and charge level
  - Solar panel voltage and current
- **Three-Button Control** for full setup and configuration.
  - Adjust settings from a convenient location.
- **Instant Feedback** on system performance and status.
- **Plug-and-Play Connection** for quick installation.
- **Cable Length** Includes 6m cable between the main controller and remote display.

### Key Features

**Maximum Power Point Tracking (MPPT)** for up to 30% more efficient charging than standard PWM controllers.

- **Available** in 10A, 20A and 30A options with up to 75V/100V DC inputs.
- **Wireless Smartphone Monitoring** For live system data, settings, and performance checks.
- **Built-in Display** Showing voltage, current, battery status, and charging mode.
- **Compatible with Multiple Battery Types** Including Lead Acid, Gel, AGM, Calcium, and Lithium Phosphate.
- **Smart Lithium 'Wake-Up' Function** To reactivate BMS protected LiFePO4 batteries.
- **Advanced Safety Protections** Including overcharge, reverse polarity, short-circuit, and temperature safeguards.
- **High-Efficiency Power Conversion** Ensuring maximum energy harvest in all weather conditions.

# SolarGo2 PWM Solar Controller

## Perfect for 12V Charging

Tough, waterproof, and ideal for 12V charging solar panels. It charges various 12V battery types, including lithium. A back-lit LCD shows power data, while smart electronics provide advanced battery protection.

With 6 charging stages, it can revive 'dead' lithium batteries. Includes two Anderson plugs for easy setup. Compatible with panels up to 25V open circuit.



SolarGo2 15A PWM Solar Controller

### Key Features

#### Reliable PWM Charging

Technology for steady, consistent battery maintenance.

- **Available** in 15A option.
- **Built-in Display**  
Showing voltage, current, battery status, and charging mode.
- **Supports Multiple Battery Types**  
Including Lead Acid, Gel, AGM, Calcium, and Lithium Phosphate.
- **Smart Lithium 'Wake-Up' Function**  
To reactivate LiFePO4 batteries whose BMS has shut down.
- **Essential Safety Protections**  
Including overcharge, reverse polarity, short-circuit, and temperature safeguards.
- **Simple, User-Friendly Operation**  
For smaller systems and everyday off-grid setups.
- **Durable Construction**  
Designed for camping, caravans, sheds, and portable power systems.
- **Inline Installation**  
Using 50A Anderson connectors for simple plug and play operation.

## How To Connect Your System Up

This is how to connect up a SolarGo2 MPPT controller. Your controller may need to be wired differently.

