

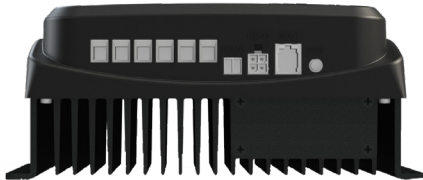


30 AMP MPPT SOLAR CONTROLLER with RVC CONNECTIVITY

MAXIMUM POWER OUTPUT & CONNECTIVITY FOR MID-SIZED SOLAR ARRAYS



Top View



Side View

CONNECTIVITY & BATTERY PROTECTION IN A SINGLE UNIT

The GP-MPPT-30-RVC optimizes solar charging capacity in mobile systems in all sun and tilt conditions while allowing the use of simpler series wiring configurations up to 100V (Voc @ STC).

FEATURES:

- Easily integrated with onboard communications systems
- Stackable. Pair up to 5 on a single system for a max solar array of 3000 watts, or 150 amps
- Supports multiple battery chemistries
- Heavy-duty terminals for low resistance connections
- Maximizes energy yield in multiple array tilt conditions
- Reacts faster to changes in solar conditions
- Optional remote
- Up to 98% power conversion efficiency
- 5-year warranty

| ITEM | PARAMETERS | | | | |
|-------------------------------|---|-----|-------------|---------|--------|
| System Voltage | 12/24V | | | | |
| No-load Loss | 8ma | | | | |
| Max PV Input Voltage | <100V | | | | |
| Rated Current Charge | 30A | | | | |
| Max PV Input Power | 600W/12V;1200W/24V | | | | |
| Battery Type Selection | GEL | AGM | FLOODED | LiFePO4 | Custom |
| Equalize Charge Voltage | - | - | 14.9V/29.8V | - | 8.32V |
| Bulk-Absorption Voltage | 14.1V/28.2V | | 14.4V/28.8V | | 8.32V |
| Float Charge Voltage | 13.7V/27.4V | | 14.0V/28.0V | | 8.32V |
| Recharge Voltage | 13.2V/26.4V | | | | 8.32V |
| Over-Discharge Return Voltage | 12.8V/25.2V | | 12.2V/24.4V | | 8.32V |
| Under-Voltage Warning Level | 12.0V/24.0V | | | | 8.32V |
| Over-Discharge Voltage | 11.0V/22.0V | | | | 8.32V |
| Operation Temperature | -35°C ~ +45°C | | | | |
| Dimensions | 3.37 x 7.77 x 5.71 in (85.6 x 197.5 x 145 mm) | | | | |
| Weight | 3.14lb (1.42kg) | | | | |
| IP Protection | IP30 | | | | |
| Communication | RS485, Canbus | | | | |
| Operation Altitude | < 3000M | | | | |
| Warranty | 5-years | | | | |

Specifications may be subject to change. Product may not be exactly as shown. Specifications subject to local environmental conditions.



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COMPATIBLE ACCESSORIES

BLUETOOTH® ENABLED GP-RVC-R REMOTE

Conveniently set and view essential charge information. The GP-RVC-R is a surface mounted remote display for GP-RVC-MPPT photovoltaic (PV) charge controllers. The GP-RVC-R shows the charge current to the battery and battery voltage.



Front View



Side View

FEATURES:

- View operating status in real-time
- Bluetooth® ready with the Go Power! Connect app
- No need for external power supply
- Identifies and displays controller parameter data of GP-RVC-MPPT series, including:
 - voltage
 - current
 - total charge/discharge
 - min/max voltage
- 5-year warranty



View your solar charge status remotely with the Go Power! Connect app.

