WP-Suntrack 60 & 80 amp
High yield MPPT solar charge controllers

- Essential components for off-grid power systems
- Optimizing solar production, for a fast and 100% re-charge of the battery

- Two models: 65 Amp and 80 Amp power
- Suitable for 12, 24 and 48 VDC Solar Systems
- Input voltage up to 150 VDC
- Automatic tracking of the maximum power point
- Fully compliant to our Grid Independend Solar/ Diesel Power System
- Suitable to charge any type of battery including Lithium ION
WP-Suntrack – product description

Maximum power point tracking (MPPT) is a technique that solar charge controllers, grid connected inverters and similar devices use to obtain the maximum possible power from one or more photovoltaic devices. The MPPT technique is essential to optimize the efficiency of a solar system. The WP–SUNTRACK combines an superior MPP Tracking and a perfect charge algorithm, ensuring a fast and reliable charge of the batteries. This includes multi stage, temperature compensated charging. The WP-Suntrack should be installed between the solar array and the battery. The MPPT continuously seeks out the solar generator’s optimal voltage to retrieve the maximum available energy. This operating point varies constantly depending on outdoor conditions (sunlight, temperature etc.) to which it must adapt.

Features and performances
- Tracking efficiency: >99%
- Conversion efficiency: 98%
- 4 step charger for longer battery life
- 8 predefined battery charge curves as standard
- Free programming of the battery’s load curve with the WpC remote panel
- Low self-consumption: <1W in night mode
- protection against incorrect wiring
- protection against reverse polarity
- Fully configurable
- Ip54 enclosure
- Comprehensive display, programming and data logging with the WpC remote panel
- Up to 15 WP Suntrack units can be installed in parallel on the same communication bus