VarioTrack series

The VarioTrack MPPT solar charge controller maximizes the energy generated by charging the batteries in an optimal way. The accuracy of the Maximum Power Point Tracking (MPPT) algorithm, the high peak efficiency and low internal consumption ensure an optimal valorisation of the energy produced by the PV modules to all types of battery technology. The VarioTrack is 100% manufactured in Switzerland and has a 10-year warranty.
Technical data

Efficient, robust and flexible

- Easy and safe commissioning with full protection against incorrect wiring
- Rugged and durable, this device is designed to perform in harsh environmental conditions (IP54)
- High conversion efficiency >99%
- Up to 15 VarioTrack in parallel on the same communication bus (75kW)
- 4 step charger fully programmable for longer battery life
- Low self-consumption: <1W in night time mode
- Display with 7 LEDs showing status and current
- Suitable for any solar and battery system
- Optimal usage in an Xtender system with synchronized battery management

Combine with a range of accessories

- Display, programming and data logging remote control (RCC-02/-03)
- Communication sets (Xcom-LAN/Xcom-GSM)
- Communication module (Xcom-232i/Xcom-CAN)
- Battery temperature sensor (BTS-01)
- Battery Status Processor (BSP)
- Communication with lithium battery BMS (Xcom-CAN)
- 2 additional auxiliary contacts (ARM-02)

Certifications & Warranty

100% manufactured and tested in Switzerland (Europe). ISO certified factory 9001:2008/14001:2004. All our products include a 10-year warranty (5+5).

STC = Standard Test Conditions
Data may change without any notice

Call our specialists +41 27 205 60 80 or visit studer-innotec.com.

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