MPPT solar charge controller

VarioTrack
VT-65 / VT-80

65 / 80A - 48V
PV Input max 150 Vdc

Maximize the energy generated from solar panels by adding a VarioTrack solar charge controller with maximum power point tracker (MPPT) to any solar installation.

Designed for the outback

The VarioTrack solar charge controller maximizes the energy generated from solar panels in any solar installation. It contains an MPPT (Maximum Power Point Tracking) algorithm that continuously tracks the maximum power of the PV generator and automatically charges the batteries in an optimal way with all the available solar power.

Main features

- Safe installation with full protection against incorrect wiring
- Rugged and durable, with IP54 enclosure
- High conversion efficiency >98% (CEC@Ubat:48V)
- 4 step charger fully programmable for longer battery life
- Low self-consumption: < 1W in night mode
- Display with 7 LEDs showing status and current
- 5kW per unit and up to 15 units in parallel: 75kW
- Synchronized battery management in an Xtender system
- Web access through Xcom-LAN or Xcom-GSM (opt.)

VarioTrack: the right partner for the Xtender in a hybrid system

<table>
<thead>
<tr>
<th>VarioTrack</th>
<th>Battery voltage</th>
<th>Max power of the PV Generator</th>
<th>Max voltage of the solar Generator</th>
<th>Charge current</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT-65</td>
<td>12 V</td>
<td>1000 W</td>
<td>80 Vdc</td>
<td>65 A</td>
</tr>
<tr>
<td>VT-65</td>
<td>48 V</td>
<td>4000 W</td>
<td>150 Vdc</td>
<td></td>
</tr>
<tr>
<td>VT-80</td>
<td>12 V</td>
<td>1250 W</td>
<td>80 Vdc</td>
<td>80 A</td>
</tr>
<tr>
<td>VT-80</td>
<td>48 V</td>
<td>5000 W</td>
<td>150 Vdc</td>
<td></td>
</tr>
</tbody>
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