**VarioString VS-70**

**70 A - 48V**  
**PV Input 200 (min) to 600 Voc**  
Maximize the energy generated from solar panels by adding a VarioString solar charge controller with maximum power point tracker (MPPT) to any solar installation.

**Designed for the outback**

The VarioString 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**

- Reduces balance of system costs (Eliminates expensive wiring for parallel strings, saving wires, connectors, junction boxes, fuses, space, time, etc)
- Easy connection with SUNCLIX™ “tool-free” PV connector
- Intrinsically protected against incorrect wiring
- Any grounding strategy applicable thanks to isolated input
- Grounding system fault detection
- Best in class tracking algorithm brings MPPT efficiency >99.8%
- Champion in isolated converter efficiency: >98%
- 4.2kW per unit and up to 15 units in parallel: 63kW
- Low self-consumption: < 1W in night mode
- 4 step charger fully programmable for longer battery life
- Optimal battery management with Xtender system (synchronisation)
- Remote communication with Xcom-LAN, Xcom-GSM or Xcom-SMS accessories
- Remote entry for On-Off “dry contact” driving

**VarioString: the right partner for the Xtender in a hybrid system**