

Smart Battery Sense

www.victronenergy.co.nz



Voltage and Temperature Sense

Smart Battery Sense is a wireless battery voltage and temperature sensor for Victron MPPT Solar Chargers.

With voltage and temperature sense in place, batteries will be better charged; improving charging-efficiency and prolonging battery life.

Both for lead, and for lithium batteries.

Improves battery charging

By measuring voltage at the battery bank terminals, errors arising from voltage-loss due to cable resistance are avoided - guaranteeing the correct charge-voltage.

For lead batteries, battery temperature data is used to adjust the charge-voltages: cold batteries require an increased charge-voltage, whereas hot batteries require a decreased charge-voltage. For lithium batteries temperature data is used to disable charging when they are too cold: charging lithium batteries near or below freezing causes permanent damage to the cells.

Look no wires

The connection between Smart Battery Sense and one or more Solar Charger(s) is wireless: It uses VE.Smart Network - a wireless technology based on Bluetooth Smart.

Information transmitted can be used simultaneously by one, two or more Solar Chargers connected to the same 12V, 24V and 48V battery bank. The Smart Network is set up using the VictronConnect app.

Tidy, simple - smart

Installation is simple, quick and tidy. Just connect the unit's two eyelets to your battery terminals and attach the Smart Battery Sense unit directly onto the battery-body using its self-adhesive strip.

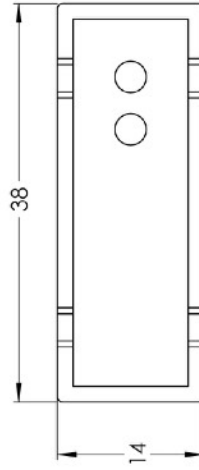
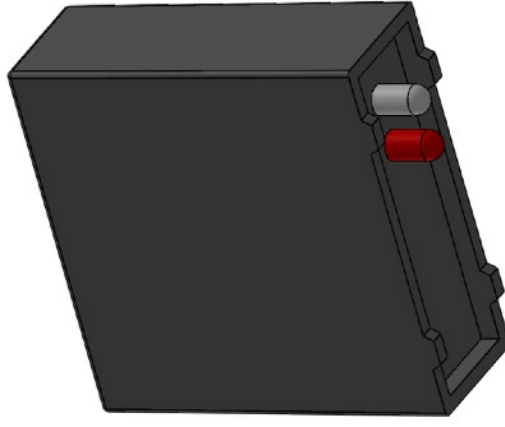
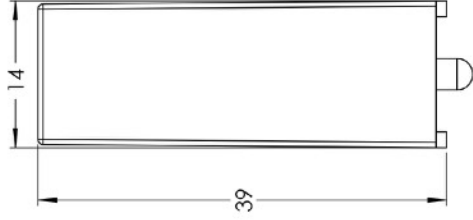
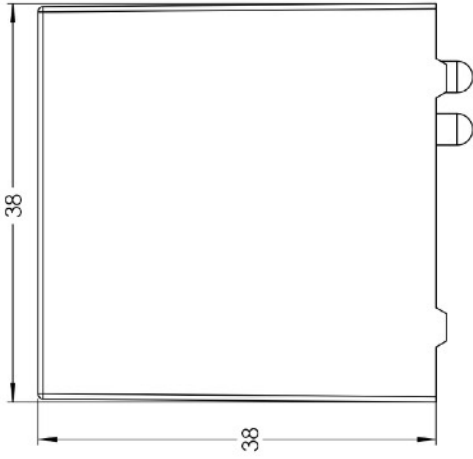




Pacific

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Dimension Drawing - SmartBatterySense
SBS050100200



Dimensions in mm

