

We broke the mould.

Battery to battery charging technology has been around for some time now. There are a number of products available that compare favourably, some good some not so good. Our goal from the outset was to design something better than the garden variety offerings so we created, what we believe to be, the most innovative in-vehicle battery charging system to ever hit the market.



Introducing the interVOLT DCC Pro:

The best in-class performance for a charger of this size

The DCC Pro is a true 25 Amp charger, that is, 25 Amps at 50°C all day, every day. In addition the DCC Pro will continue charging at reduced output right up to 85°C!

Remote monitoring from the comfort of the driving seat

The DCC Pro is kitted with an interactive, in-cabin display for remote monitoring of the auxiliary charging status from both main and solar power charging sources.

Solar ready – no need for a separate regulator or relay

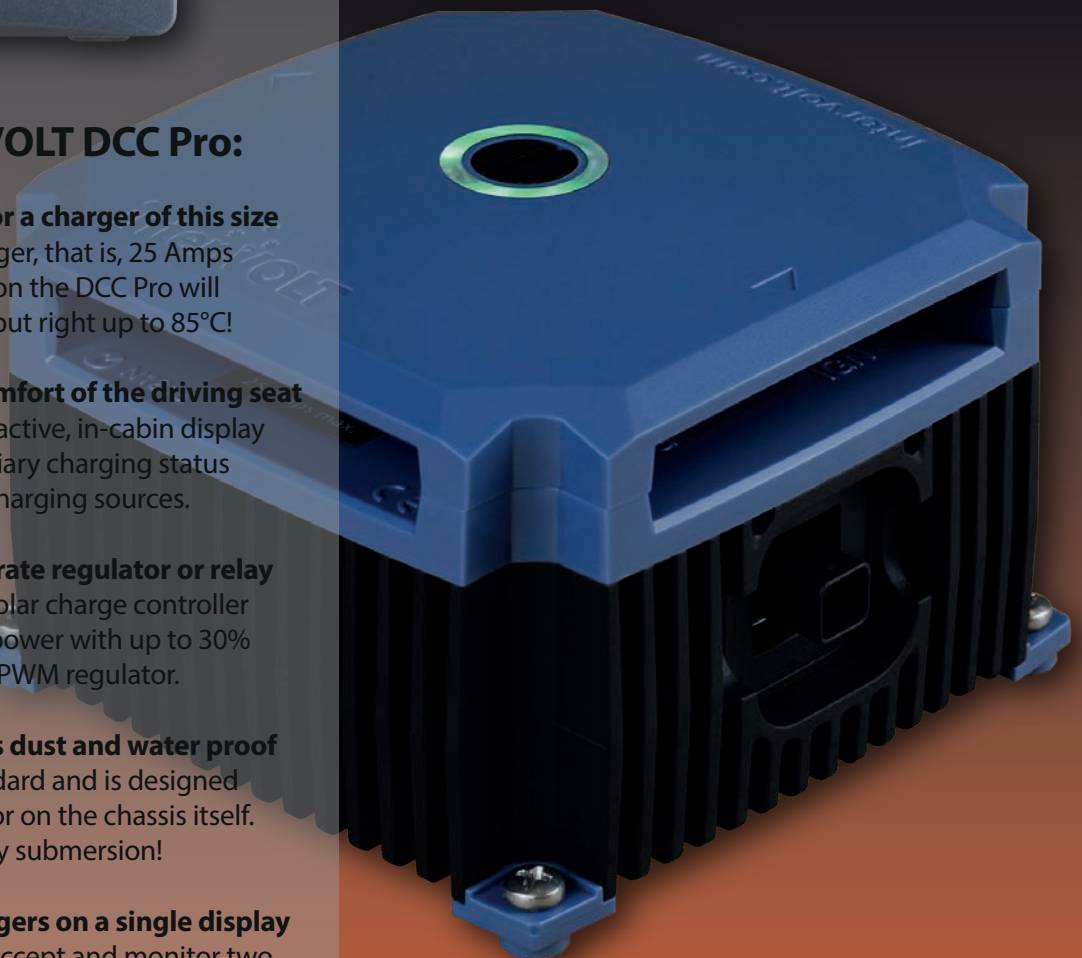
The DCC Pro is a complete MPPT solar charge controller capable of handling 250 Watts of power with up to 30% greater efficiency than a standard PWM regulator.

Under bonnet charging device is dust and water proof

The DCC Pro is sealed to IP67 standard and is designed to be mounted in the engine bay or on the chassis itself. The DCC Pro can handle temporary submersion!

Capable of monitoring two chargers on a single display

The DCC Pro Remote Display can accept and monitor two Individual Charging Devices at once! No need to purchase a second display when two auxiliary batteries are used.



DCC Pro

In-Vehicle DC-DC Battery Charger



Part Numbers

DCC1225ACK-RP	DCC Pro automotive charging kit includes * items
DCC1225ACD*	Automotive Charging Device 12 Volts DC 25 Amps
DCC0001ARD*	Automotive Remote Display complete with bracket
DCC3000CTR*	Data cable 3 metres charging device to remote display
DCC6000CTR	Data cable 6 metres charging device to remote display
DCC9000CTR	Data cable 9 metres charging device to remote display

Specifications

Input Voltage	Main: 9 – 17 VDC Solar: 27 VDC max. (open circuit – no load)
Solar Power	250 Watts nominal (300 Watts peak)
Continuous Rating	25 Amps @ 50°C
Current Draw	Charging Device: Including LED indicator <10mA (standby) Remote Display: With backlight off: 10mA max With backlight on: 30mA max
Boost Voltage	Standard Lead Acid: 14.4 VDC Nominal Absorbed Glass Mat: 14.6 VDC Nominal Gelified Electrolyte: 14.2 VDC Nominal Lead Calcium: 14.8 VDC Nominal
Float Voltage	13.2 VDC Nominal
Electrical Protection	Thermal overload shutdown: Auto reset Electrical overload shutdown: Auto reset Under voltage disconnect: Auto re-connect Over voltage disconnect: Auto re-connect Reverse polarity protection of main terminals
Environmental Protection	Charging Device: IP67 (internal components only) Remote Display: IP40 (not dust or water resistant)
Operating Temperature	-20°C to +85°C
Operating Humidity	Up to 98%
Charging Device Materials	Heatsink: E-Coated ADC-3 die cast aluminium Blue Plastics: Temperature resistant PC/ABS alloy Black Plastics: 15% glass reinforced PBT Transparent Plastics: Temperature resistant PMMA
Remote Display Materials	Dark Grey Plastics: Temperature resistant PC/ABS alloy Transparent Plastics: Temperature resistant PMMA
Terminal Material	Tin plated brass
Terminal Fasteners	304 stainless steel
Conformity	AS/NZS CISPR 11:2004 for EMC
Dimensions	Charging Device: 112 x 112 x 75mm (inc. terminal cover) Remote Display: 60 x 36 x 59mm (inc. mounting bracket)
Weight	Charging Device: 690 grams Remote Display: 55 grams