

## 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**

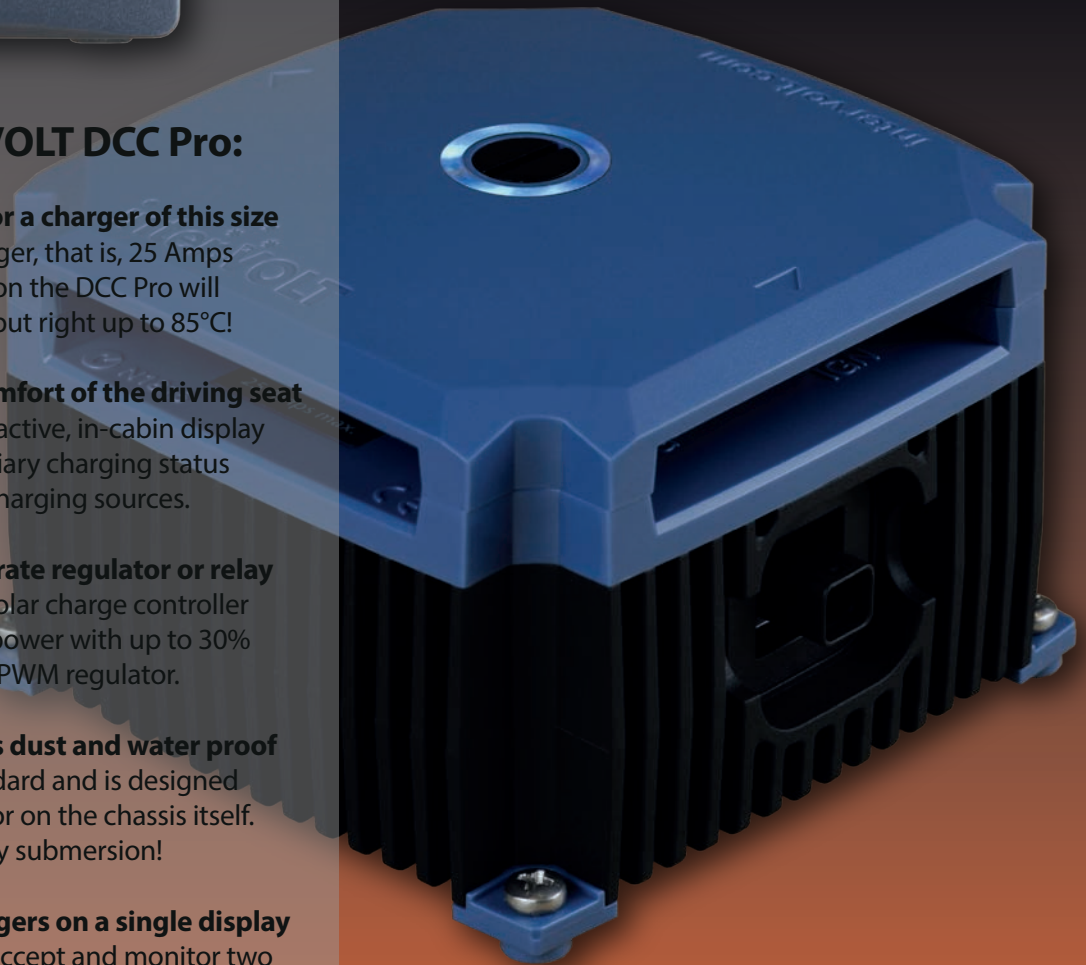
The DCC Pro is a complete MPPT solar charge controller capable of handling 250 Watts of power with up to 30% greater efficiency than a standard PWM regulator.

#### **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
DCC4000CTR*	Data Cable 4 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 – 16 VDC
	Solar: 18 – 28 VOC (open circuit Voltage – no load)
Solar Power	Unrestricted (system limited to 25 Amps)
Continuous Rating	25 Amps@50°C (de-rate from 50°C to 85°C)
Current Draw	Charging Device: In stand by: Including LED indicator <10mA
	At full load: Up to 35 Amps
	Remote Display: With backlight off: 10mA max
	With backlight on: 45mA max
Output Voltage	Boost/CC    Absorption/CV    Float/CV
Standard Lead Acid	14.5 VDC    14.4 VDC    13.4 VDC
Absorbed Glass Mat	14.7 VDC    14.6 VDC    13.6 VDC
Gelified Electrolyte	14.3 VDC    14.2 VDC    13.5 VDC
Lead Calcium	14.9 VDC    14.8 VDC    13.8 VDC
LiFePO4 BMS	14.6 VDC    —    14.4 VDC
	Voltage values subject to tolerance ± 0.1V
Electrical Protection	Over temperature disconnect – auto re-connect
	Under Voltage shutdown – auto re-start
	High Voltage disconnect – auto re-connect
	Reverse polarity protection on all 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 100% (non-condensing)
Charging Device Materials	Heatsink: E-Coated ADC-3 die cast aluminium
	Blue Plastics: 10% glass reinforced 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
Termination	Tin plated brass terminals, 304SS fasteners
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