



The DCC Pro was developed for the purpose of charging and maintaining any auxiliary battery in an installation where the starting battery is used as the supply source. It has been designed for use in 4WDs, RVs, buses, coaches, caravans, campers or any vehicle with a 12VDC electrical system.

The DCC Pro is a standalone power conversion device. It will manage a variety of different battery types according to their specific charging requirements. As no modification to the vehicle's original wiring is required this ensures the manufacturer's electrical system is not compromised in any way.

The DCC Pro is a highly innovative product with many unique features. It has the flexibility to adapt to almost any vehicle, old or new, simple or complex with or without an ECU controlled electrical system and even allows the operator monitor the charging status from the comfort of the cabin!

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	<table border="0"> <tr> <td></td> <td>Boost/CC</td> <td>Absorption/CV</td> <td>Float/CV</td> </tr> <tr> <td>Standard Lead Acid</td> <td>14.5 VDC</td> <td>14.4 VDC</td> <td>13.4 VDC</td> </tr> <tr> <td>Absorbed Glass Mat</td> <td>14.7 VDC</td> <td>14.6 VDC</td> <td>13.6 VDC</td> </tr> <tr> <td>Gelified Electrolyte</td> <td>14.3 VDC</td> <td>14.2 VDC</td> <td>13.5 VDC</td> </tr> <tr> <td>Lead Calcium</td> <td>14.9 VDC</td> <td>14.8 VDC</td> <td>13.8 VDC</td> </tr> <tr> <td>LiFePO4 BMS</td> <td>14.6 VDC</td> <td>-</td> <td>14.4 VDC</td> </tr> </table> <p>Voltage values subject to tolerance ± 0.1V</p>		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
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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																								

Part Numbers

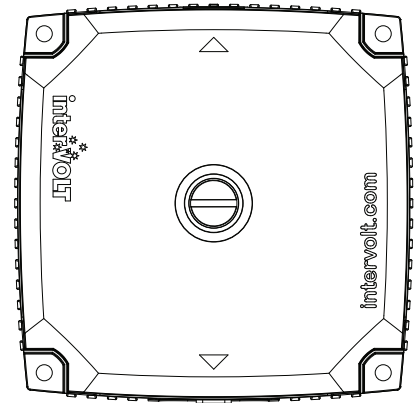
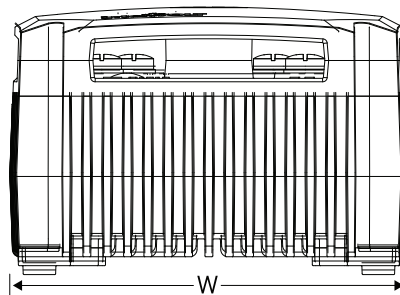
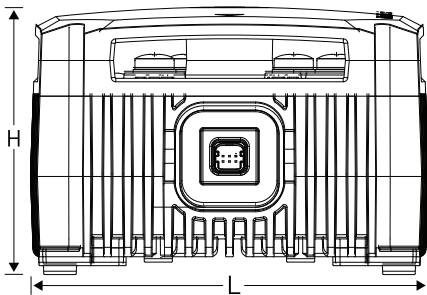
DCC1225ACK-RP
DCC1225ACD*
DCC0001ARD*
DCC3000CTR
DCC4000CTR*
DCC6000CTR
DCC9000CTR

DCC Pro automotive charging kit includes * items
 Automotive Charging Device 12 Volts DC 25 Amps
 Automotive Remote Display complete with bracket
 Data Cable 3 metres Charging Device to Remote Display
 Data Cable 4 metres Charging Device to Remote Display
 Data Cable 6 metres Charging Device to Remote Display
 Data Cable 9 metres Charging Device to Remote Display

DCC Pro Charging Device

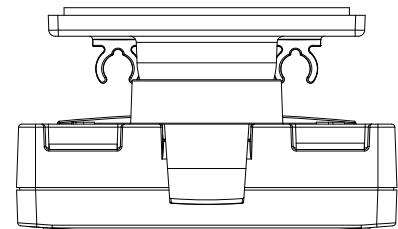
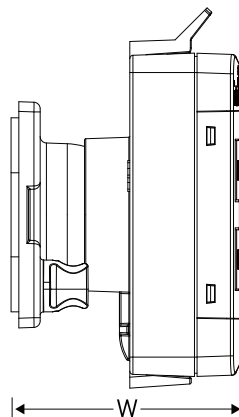
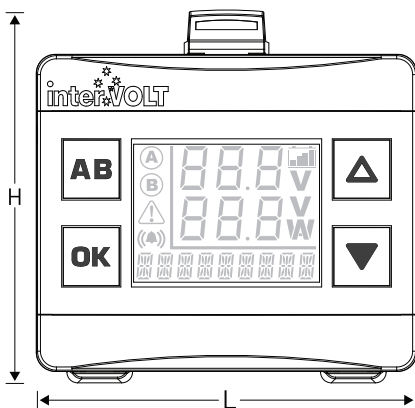
Length	Width	Height
112mm	112mm	75mm

Footprint Mounting Centres
95mm x 95mm



DCC Pro Remote Display

Length	Width	Height
60mm	36mm	59mm



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