



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!

<b>Input Voltage</b>	Main: 9 – 17 VDC Solar: 27 VOC max. (open circuit – no load)
<b>Solar Power</b>	250 Watts nominal (300 Watts peak)
<b>Continuous Rating</b>	25 Amps @ 50°C
<b>Current Draw</b>	Charging Device: Including LED indicator <10mA (standby) Remote Display: With backlight off: 10mA max With backlight on: 30mA max
<b>Boost Voltage</b>	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
<b>Float Voltage</b>	13.2 VDC Nominal
<b>Electrical Protection</b>	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
<b>Environmental Protection</b>	Charging Device: IP67 (internal components only) Remote Display: IP40 (not dust or water resistant)
<b>Operating Temperature</b>	-20°C to +85°C
<b>Operating Humidity</b>	Up to 98%
<b>Charging Device Materials</b>	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
<b>Remote Display Materials</b>	Dark Grey Plastics: Temperature resistant PC/ABS alloy Transparent Plastics: Temperature resistant PMMA
<b>Terminal Material</b>	Tin plated brass
<b>Terminal Fasteners</b>	304 stainless steel
<b>Conformity</b>	AS/NZS CISPR 11:2004 for EMC
<b>Dimensions</b>	Charging Device: 112 x 112 x 75mm (inc. terminal cover) Remote Display: 60 x 36 x 59mm (inc. mounting bracket)
<b>Weight</b>	Charging Device: 690 grams Remote Display: 55 grams

## Part Numbers

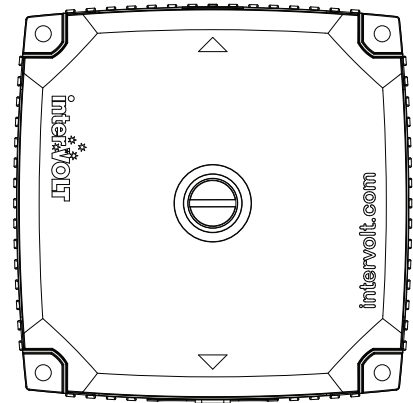
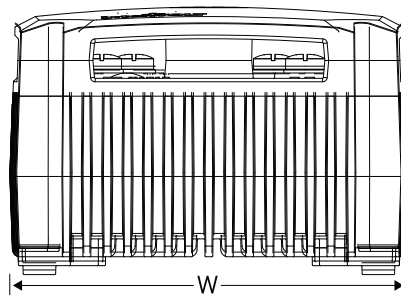
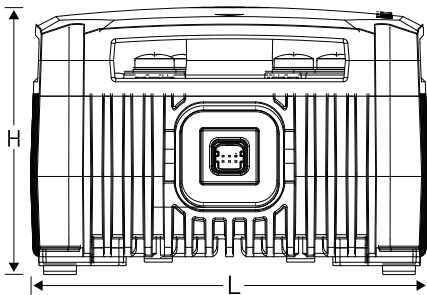
DCC1225ACK-RP  
 DCC1225ACD\*  
 DCC0001ARD\*  
 DCC3000CTR\*  
 DCC6000CTR  
 DCC9000CTR

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 6 metres charging device to remote display  
 Data cable 9 metres charging device to remote display

DCC Pro Charging Device

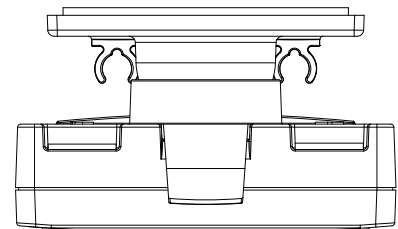
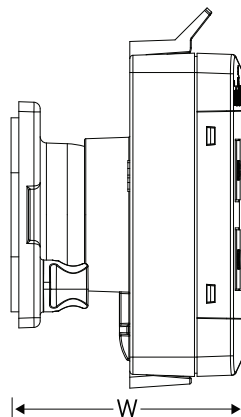
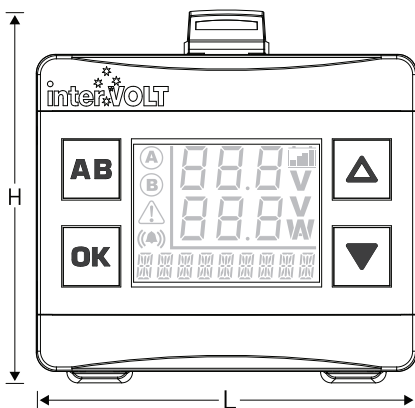
Length	Width	Height
112mm	112mm	75mm

Footprint Mounting Centres
95mm x 95mm



DCC Pro Remote Display

Length	Width	Height
60mm	36mm	59mm



Proudly distributed by:



16 Parkinson Lane  
 O'Connor WA 6163  
 Australia

**Phone** +61 8 9331 3100  
**Fax** +61 8 9331 5150  
**Email** [mail@amelec.com.au](mailto:mail@amelec.com.au)  
**Web** [www.amelec.com.au](http://www.amelec.com.au)