

'T' SHAPED MOUNTING CRADLE

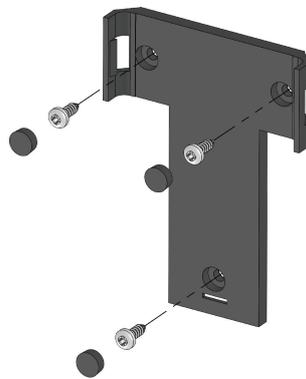
Many Alfatronix products are installed using our 'T' shaped mounting cradle. This is manufactured from VO rated (self-extinguishing) glass filled polycarbonate material and exhibits excellent strength and durability characteristics. The three point design allows for flat installation, even on uneven surfaces and it is both quick and easy to install as the bracket itself can be used as a template for accurate drilling before being screwed firmly into position. The converter can be fully wired before being clipped securely onto the bracket. The clip design is entirely vibration proof and, as the body of the converter covers the screw heads, once installed it is virtually impossible for any of the screws to vibrate loose, a potential long term problem on a diesel vehicle.

This bracket is supplied as standard with all PowerVerter DC-DC converters up to 240W (24A), DD Series converters (up to 240W) and Brick in the lead AD Series mains power supplies.

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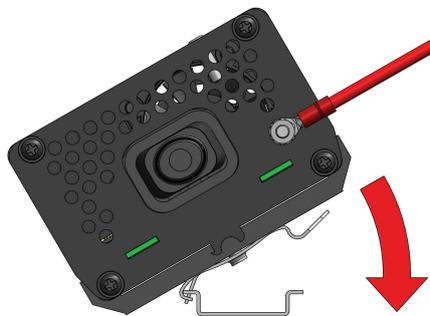
DIN RAIL MOUNTING CLIP

The din rail mounting pack is sold separately as an alternative to the 'T' shaped bracket and is supplied in a pack of two. Please order part number: DIN RAIL CLIP Pack (2). These are compatible with all units supplied with a 'T' bracket (which should be discarded). For PV3s units, only one clip is sufficient. A pair of clips should be used for all other installations.

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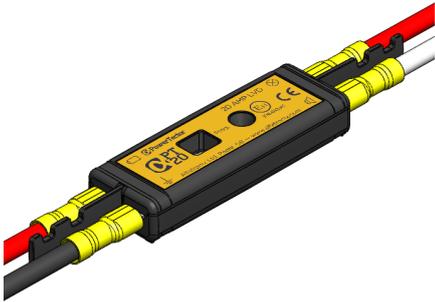


POWERTECTOR INSTALLATION METHODS

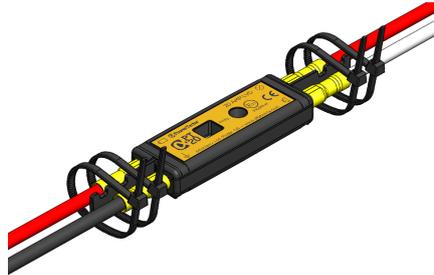
Depending on the size of the units, the PowerTector battery guards use two different mounting methods.

For any units up to 200A, it is not necessary to drill into the vehicle chassis as these small, lightweight units can be wired in place, then simply tie-wrapped in position in a similar way as an in line fuse.

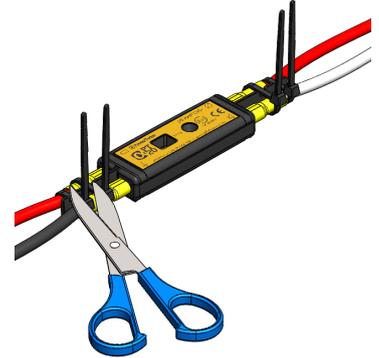
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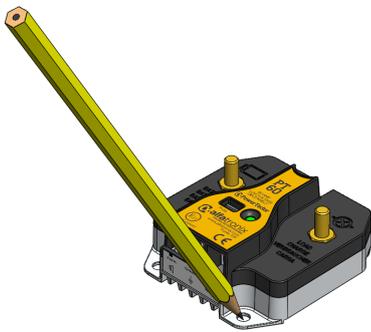


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Units from 40-200A use a die cast aluminium body configured with three mounting holes. These are offset slightly from the heat-sink structure to allow installation onto uneven surfaces and provide for airflow beneath the unit.

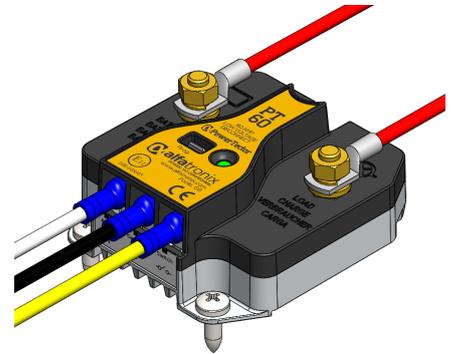
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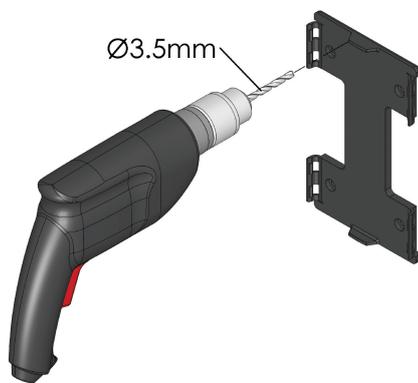
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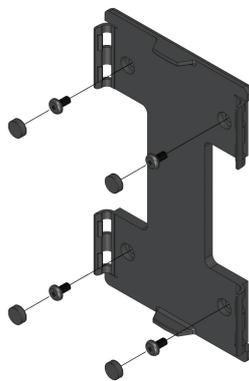
'I' SHAPED MOUNTING CRADLE

This cradle is supplied as standard and used for the more powerful, heavier units from 400W upwards. Examples include DD 12-24 400, DD 12-24 600 and PV50s. It is manufactured from V0 rated (self-extinguishing) glass filled polycarbonate material and exhibits excellent strength and durability characteristics. The four point design includes spacer washers to allow for flat installation, even on uneven surfaces and it is both quick and easy to install as the bracket itself can be used as a template for accurate drilling before being screwed firmly in position. The converter can be fully wired before being clipped securely onto the bracket. The clip design is entirely vibration proof and as the body of the converter covers the screw heads, once installed it is virtually impossible for any of the screws to vibrate loose, a potential long term problem on a diesel vehicle.

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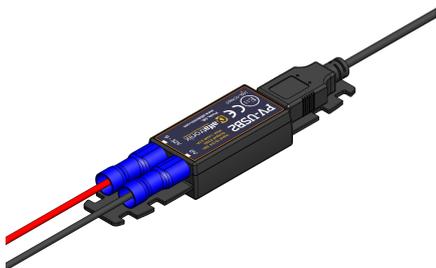
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PV-USB2 INSTALLATION METHODS

To install the PV-USB2, it is not necessary to drill into the vehicle chassis as these small, lightweight units can be wired in place, then simply tie-wrapped in position in a similar way as an in line fuse.

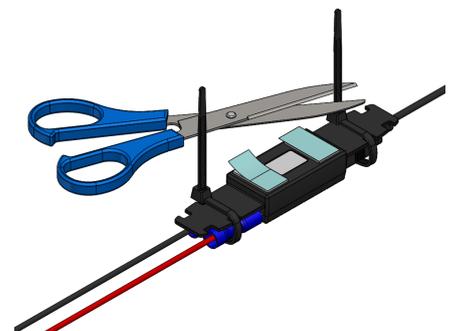
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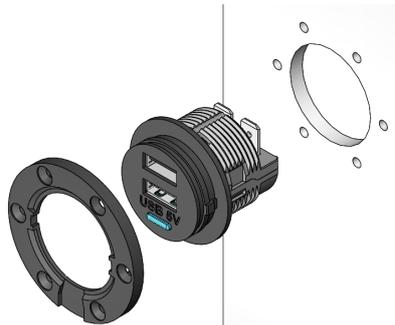
PVPro & PV65R INSTALLATION METHODS

Choose a suitable mounting surface ensuring nothing behind can be damaged, then drill a Ø30mm hole. For Standard Ring installation press 'Standard Ring' over front of PVPro, ensuring the slot is at the bottom. Insert body through the hole. Tighten the nut onto back of body ensuring front is aligned. For Front fitting place bezel over PVPro/PV65R, mark screw hole positions, install through Ø30mm hole and screw into position. Press 'Bezel Ring' over front of PVPro, ensuring the slot is at the bottom.

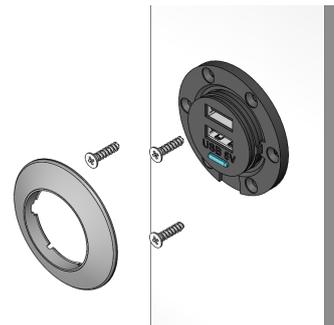
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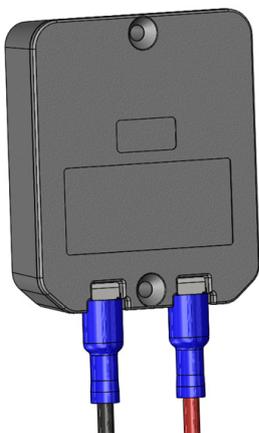


INTEGRATED WIRELESS CHARGER INSTALLATION

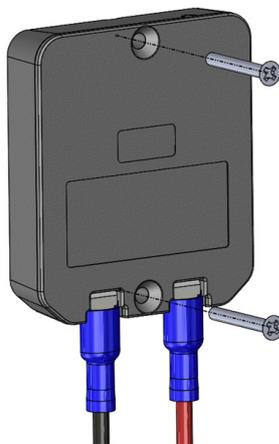
Crimp cables on to blade terminals and plug onto unit. Using screws provided secure the device in desired location. (No.6 x 25 provided)

Ensure there is no more than 2mm of material in front of the unit. A distance of greater than 5mm from the front of the unit will stop the unit from detecting a phone. Connect to compatible power source (9V-32V, fused at 2A) and ensure blue light is on to check unit is working

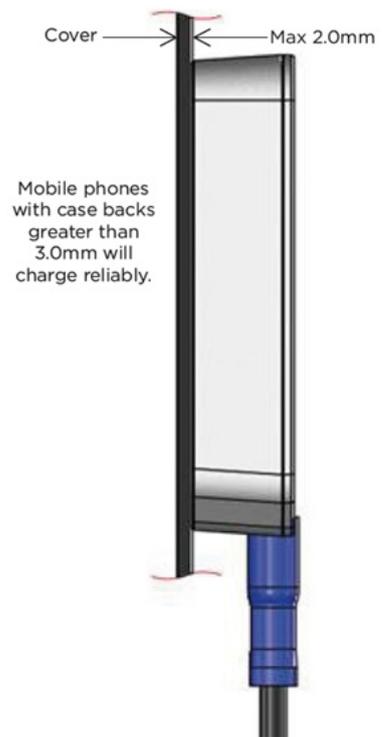
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WIRELESS CHARGER INSTALLATION

Use an 80mm hole to saw to cut hole in work surface—minimum table thickness 19.5mm. Crimp cables onto blade terminals or connect power supply

Place unit and cables through previously cut hole

Measure the thickness of work surface and choose correct size screw, using a 3mm hex key, lightly tighten the retaining plate to the underside of the work surface to secure the unit (DO NOT OVERTIGHTEN). Ensure the cable is trapped in the correct location.

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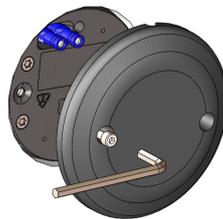
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