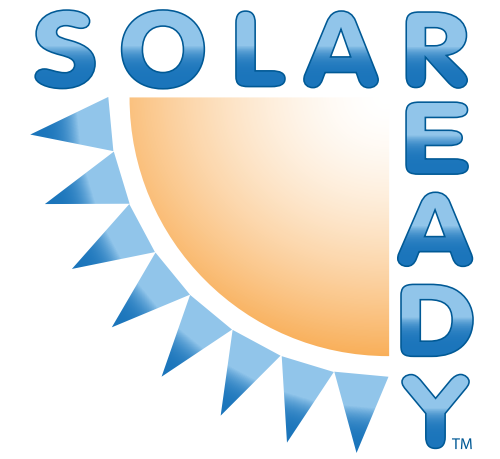


SPECTRACRAFT

Your Renewable Resource



The missing link in On Grid Installation



Introducing

SOLAREADY™

**A versatile, modular
quick install solar
power system.**

Overview

Spectracraft commenced market research and product development in 2009, bringing over 25 years of installer experience to focus on creating best practice PV installation kits that delivered solutions to the problems besetting the PV solar industry.

A modularised SolaReady system evolved that established standard foot prints and architectures capable to adaption to the many and varied wiring and configuration requirements demanded by state and federal regulators, PV module and inverter manufacturers.

The release in July 2012 of the revised Australian Standard AS 5033 places onerous obligations on solar PV installers from October 2012. This standard provides the platform from which industry regulators can prosecute those responsible for sub standard non compliant work.

SolaReady delivers a flexible range of solar PV installation solutions that reduce the possibilities for error, improves productivity by standardising and systematising installation procedures and covers off on all prevailing mandated engineering requirements.

SolaReady kits are aesthetically pleasing, robust and cost effective. SolaReady covers the installation process from the PV string fusing and Isolators down to the inverter and onto the AC distribution board.

SolaReady reduces the overall cost of installation. PV installers benefit from reduced time on site, delivering more installations per man hour per week. Smaller teams or higher installation rates means more competitive pricing.



Overview

For installers SolaReady addresses:

- The wide range of current and future PV technologies
- The varied and rapidly evolving inverter enclosure offering
- Stringent engineering criteria
- Aesthetic expectations of the end user
- Compliance with the varying energy distributor networks.
- Customised versions.
- Productivity
- AS4509, AS 4777 and AS 5033.
- Ergonomics
- Supply chain quality control

SolaReady features include:

- Designed by installers for installers.
- Modular architecture ensures currency and relevance.
- Triple SDI cable with incorporated Protective Earth (PE) cable.
- Triple SDI fits inside the installer preferred 20mm HD conduit.
- Roof top terminator safely and conveniently delivers all connections
- Roof top PV isolator features a low profile under array mount
- Base plate features all termination points for all system configurations.
- Base plate can be installed recessed or flush mount.
- Base plate is IP 65 rated and can be mounted indoors or out.
- Accommodates system upgrades.
- Quality assurance delivers trust
- Client expectations are advised and met.
- Aesthetic reassurance
- Client choices for timing and specification.
- Product differentiation without high capital expense.
- Appropriate Solar PV solutions.

For clients SolaReady:

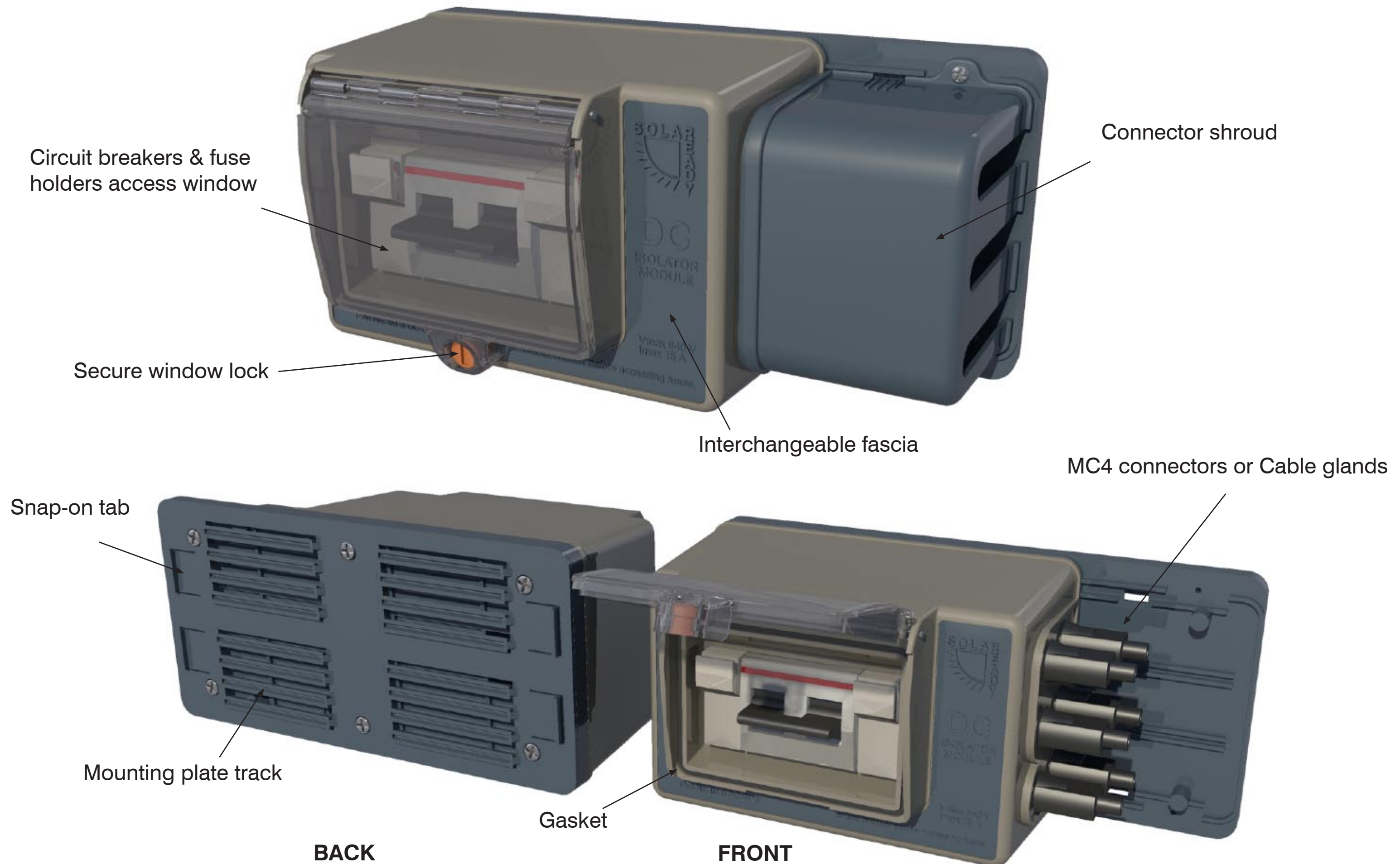
- Improves the trust between principal and sub contractors.
- Improves the trust between client and supplier.
- Improves the relationship between regulators and PV service providers.
- Overcomes potential client resistance, providing tangible samples.
- Enhances the PV industry reputation as a quality profession.
- Provides a world class solution
- Takes solar PV installation to the next level

The competitive advantages of SolaReady include:

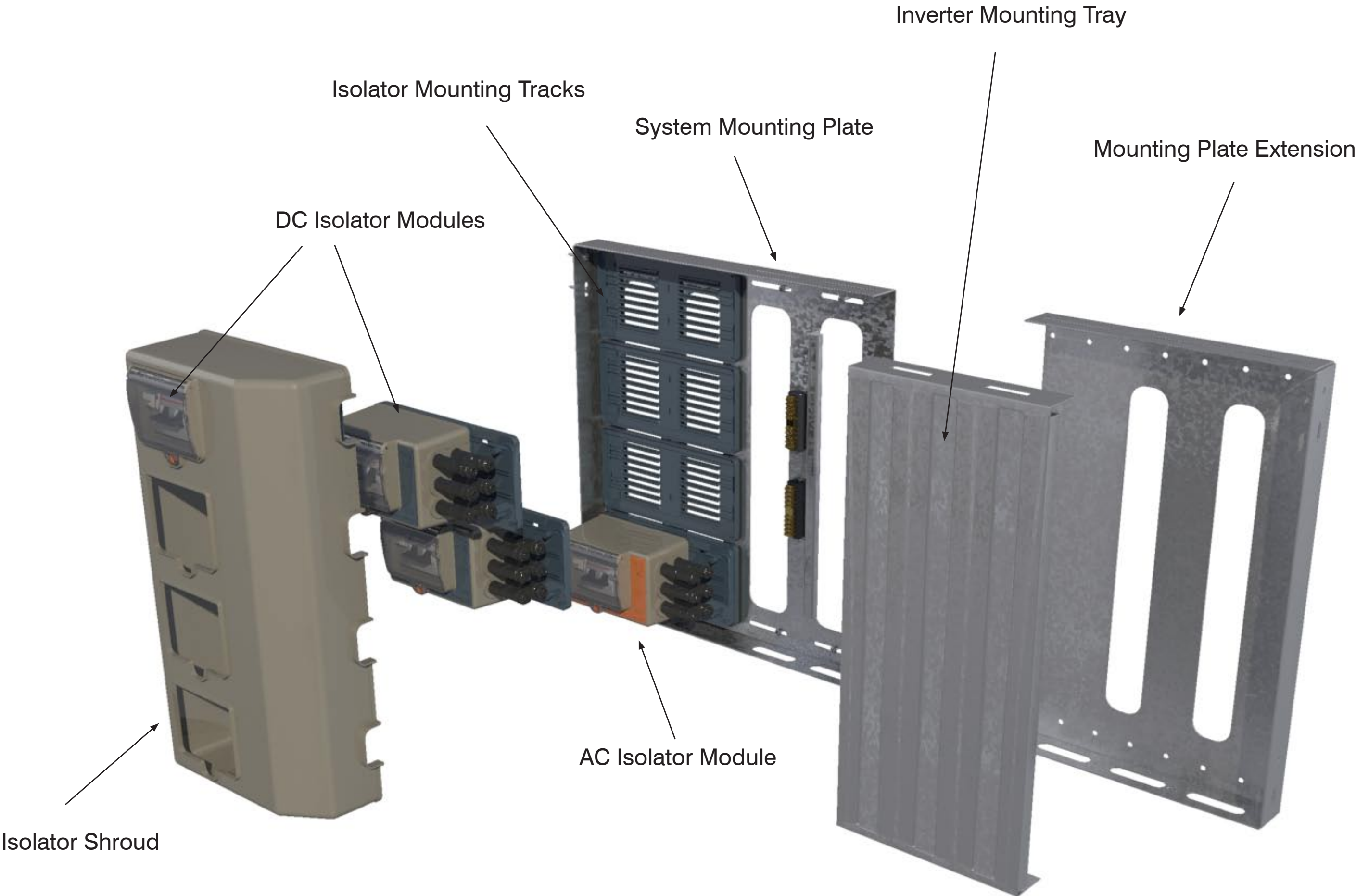
- Rough in of PV installation kits by trades
- Final fit off and testing by appropriately qualified persons.
- Improved productivity
- Reduced time on site
- Reduced labour overheads
- Consistent presentation
- Certification that SolaReady is installed and satisfies compliance demands.



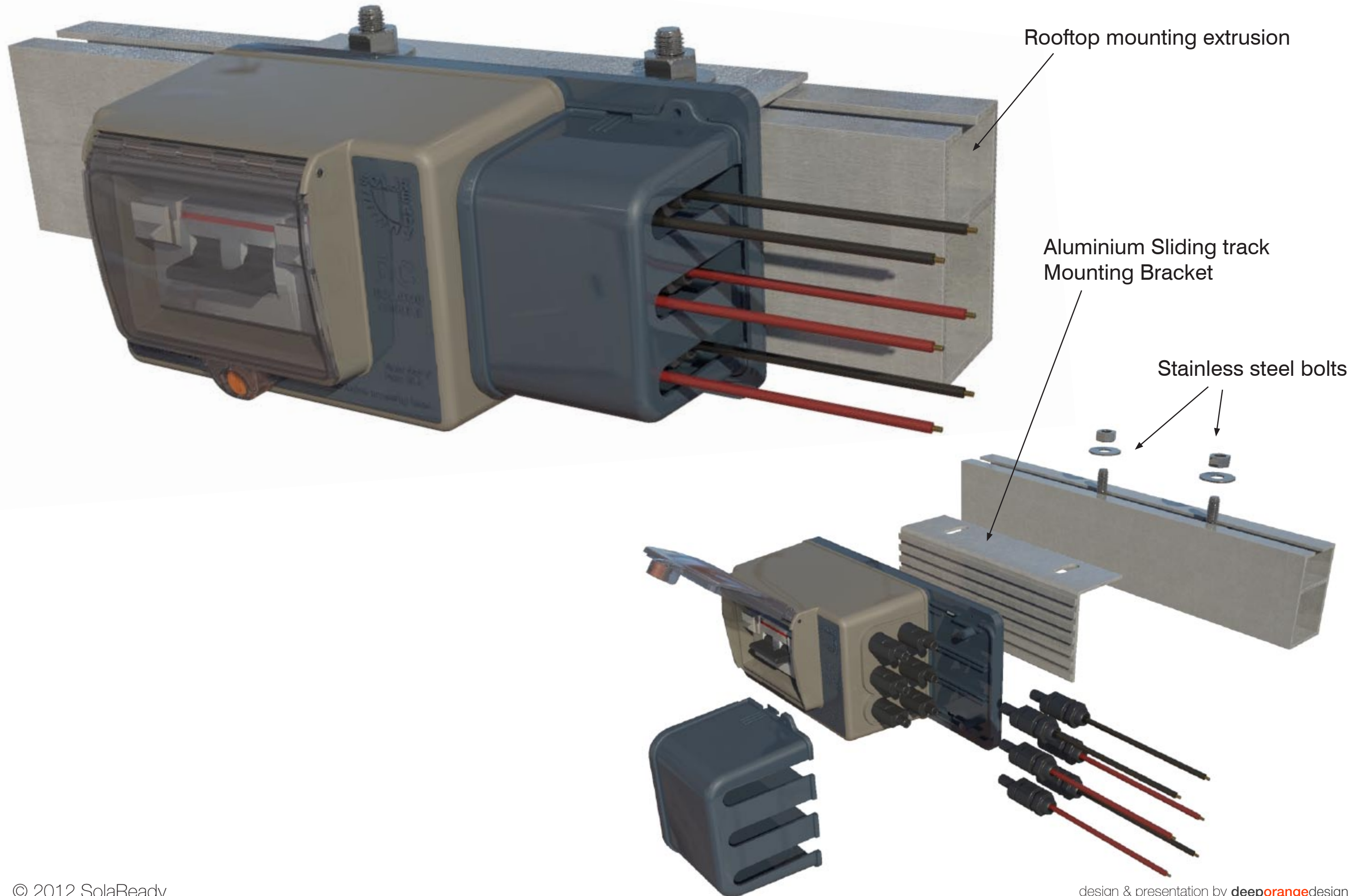
Pre-assembled Isolator Module Features



Wall System Components



Roof Isolator components



Extension range of modules

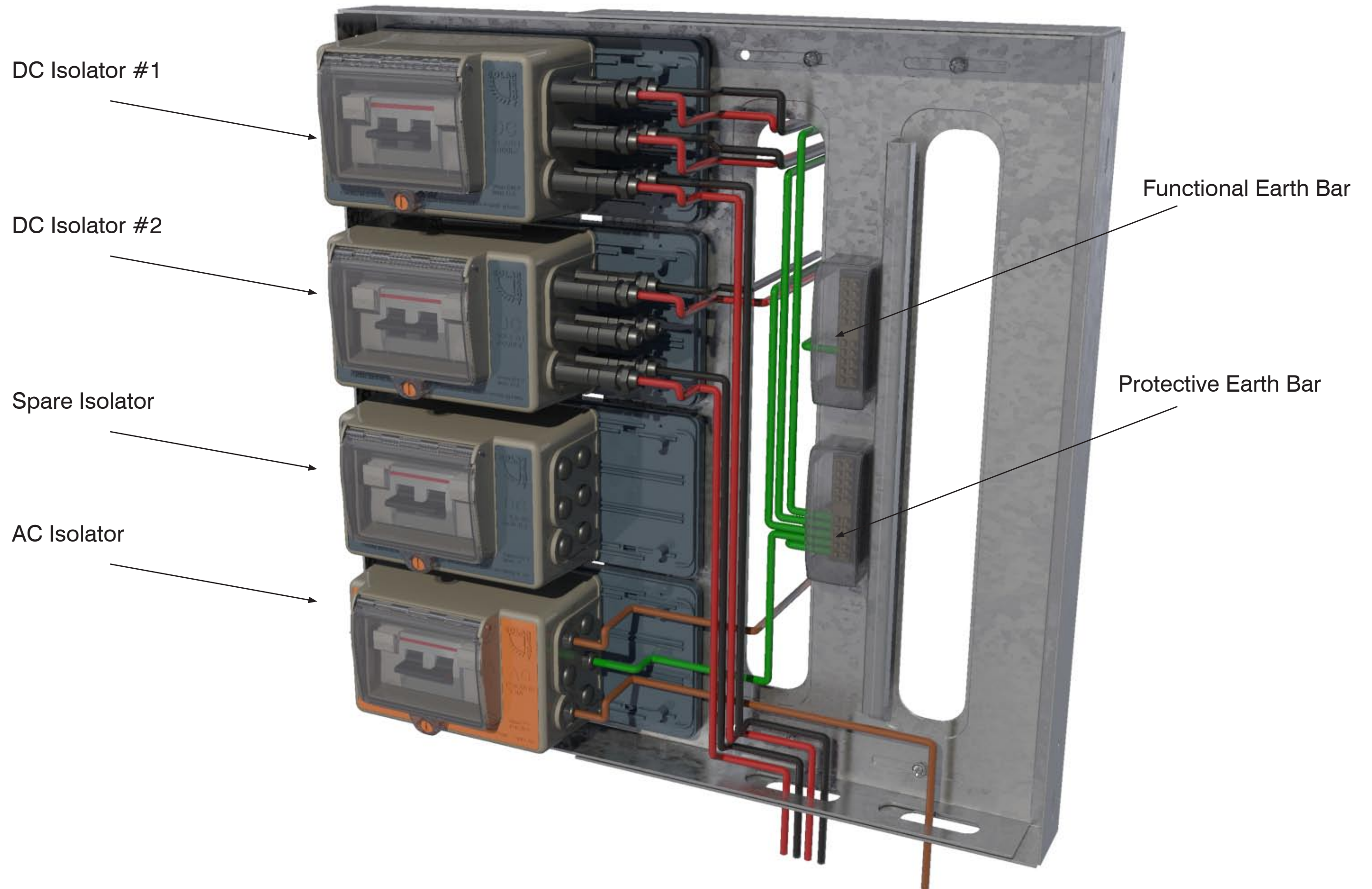


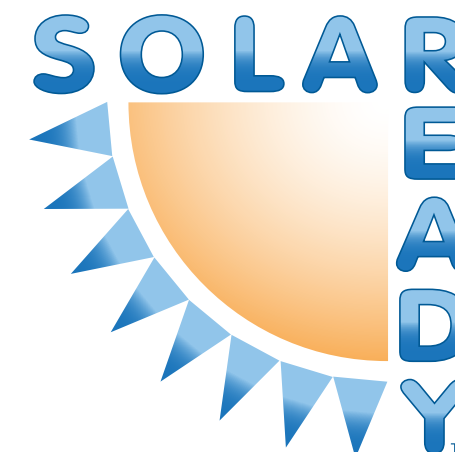
Small inverter on a single Inverter Tray configuration. Recessed and mounted between 600mm centre wall studs.



Large inverter on dual Inverter Tray configuration. Mounted on surface of wall using studs for support.

Typical wiring layout





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