

E-Line Solar PV Mounting System (Roof, Flat-Roof & Ground)

Product Features

- Universal mounting kit for framed solar modules—works on metal roofs, tiled roofs, flat roofs (ballasted), and ground structures
- Fast, tool-efficient installation with pre-engineered rails, clamps, splices, and roof/ground adaptors
- Adjustable tilt and portrait/landscape orientations to optimize yield and layout
- High corrosion resistance: anodized aluminum rails, stainless-steel fasteners; optional hot-dip galvanized steel for ground frames
- Secure, repeatable bonding/earthing path via serrated clamps and rail geometry
- Broad accessory set: end/mid clamps, roof hooks, standing-seam and trapezoidal clamps, ballast trays, splice bars, wire clips, optimizer/micro-inverter brackets, walkway supports, end caps
- Engineered for local wind/snow conditions; design assistance and layout guidance available
- Clean, low-profile aesthetic with concealed fixings and integrated cable management

Product Description

The E-Line Solar PV Mounting System is a modular, pre-engineered framework for installing photovoltaic modules across diverse sites—industrial roofs, commercial buildings, car parks, and ground arrays. Its rail-and-clamp architecture speeds up installation, delivers consistent structural performance, and simplifies future maintenance or reconfiguration. With multiple roof interfaces (standing seam, trapezoidal sheet, tile, and flat-roof ballast) plus robust ground-mount options, the system adapts to project realities while maintaining high corrosion resistance and electrical safety through integrated bonding.

Product Specifications

System types:	Metal roof (standing-seam clamps, trapezoidal clamps), tile roof (roof hooks), flat roof (roof hooks), ground structures
Module compatibility:	Crystalline framed modules; frameless/thin-film via compatible clamps (project-specific)
Module orientation:	Portrait or landscape
Tilt:	Fixed or adjustable depending on bracket/ballast/ground frame selection
Rails:	Extruded, anodized aluminum profiles with splice connectors
Fasteners:	Stainless steel (A2/A4) with locking hardware; EPDM gaskets where applicable
Ground frames (option):	Hot-dip galvanized steel posts/cross-members; aluminum module rails
Roof interfaces:	Standing-seam, trapezoidal sheet, and tile hooks; non-penetrating ballast trays for flat roofs
Electrical bonding:	Serrated clamp/rail interfaces provide continuous earthing path; earthing lugs available
Cable management:	Rail-mounted clips and tie-points; optimizer/micro-inverter brackets
Environmental durability:	UV- and weather-resistant components; corrosion-resistant finishes for coastal/saline environments
Engineering:	Layout/design support; selection based on site wind/snow loads and purlin/roof structure
Accessories:	End/mid clamps, end caps, splice bars, roof hooks, seam/trapezoidal clamps, ballast trays, walkway supports, end caps