

DATA SHEET SRS-EW-B (for 60-154 cell of any types of PV modules)

Solar Roof Systems SRS-EW-B are universal mounting systems for installing photovoltaic modules on flat roofs.

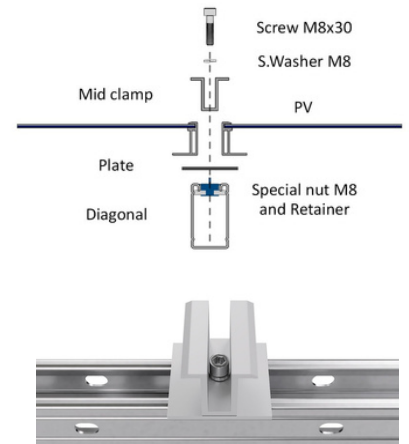
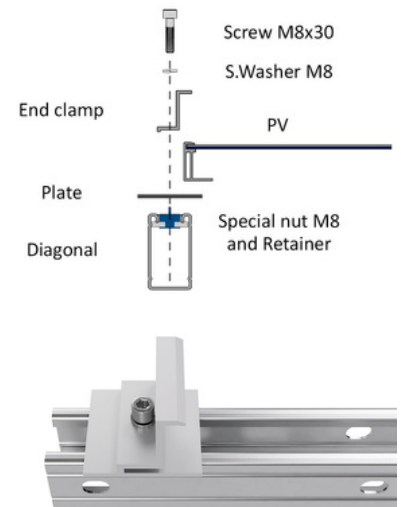


The constituent elements from the angle of inclination required for generation:






TECHNICAL DATA

Field of application	Roof mounting system with east-west orientation
Type of roof	Suitable for all types of flat roofs and also for those in which it is impossible to drill holes
Module orientation	Landscape
PV modules	Suitable for all standard module types
Angle of inclination of the PVM	Before 15°
Angle of inclination of the roof	Before 10°
Type of attachment to the roof	Under ballast
Material used for structure	Steel coils S235JR/S355JR according to EN 10025 with anti-corrosion coating by hot-dip galvanizing according to ISO 1461:2009 Pre-galvanized steel coils S350GD according to EN 10326 with an anti-corrosion coating of at least 275 g/m2, including Corrender, PosMAC, Magnelis, etc.
Type of profiles used for structure	C41x21, C41x41, C41x52, C41x72
Clamps material	Aluminum clamps are made of aluminum alloy AlMg0.7Si (6060/6063) according to EN 573. An anodic coating with a thickness of at least 21 microns is applied to aluminum profiles in accordance with ISO 7599:2018.
Fixing hardware	Fixing hardware is produced of A2-70 stainless steel, ISO 3506-1:2009. It is allowed to use carbon steel hardware according to ISO 898-1:2013 with other types of coatings (galvanizing, Delta MKS, HDG) with class quality 8.8. Metalware set M12 for fixing structure. Metalware set M8 for fixing PV modules.
Static principles	The design of the supporting structure and elements of the mounting system SRS-EW-B is carried out in accordance with the requirements of Eurocode EN 1990, EN 1991, EN 1993, EN 1090
Certifications and testing	ISO 9001, CE certificated
Country of Manufacturing	Ukraine



Warranty conditions

-  Mounting systems are warranted by the Manufacturer for a period of 10 years, subject to the requirements of the Installation and Operation Manual, as well as the Working Design drawings.
-  Mounting systems coating is guaranteed according to ISO 9223 atmospheric corrosion category up to C3 (according to ISO1461 /ASTM A123 and ISO3575), against perforation corrosion, depending on the type of coating, for a period of:
 - hot-dip galvanizing - 25 years;
 - other types of coating - mentioned additionally in the specifications to the contract.
-  The lifetime of the Mounting systems is 25 years and can be extended over time.

