

FASTENING CLIP WITH GROUNDING FOR FRAMED MODULES AND STEEL STRUCTURES



Clipped fastening solution providing an easy, no-tool attachment of the panel to steel or aluminum strut/rail.

POWER SNAP® 90B

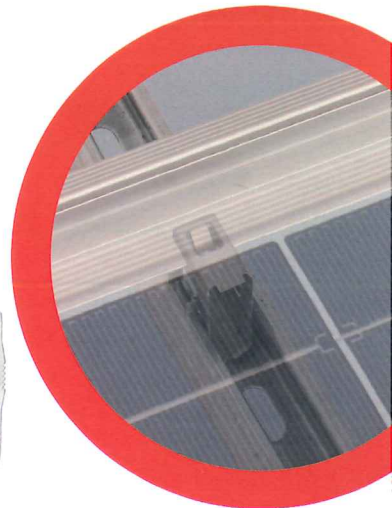
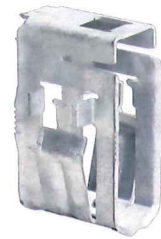
-))) Now UL recognized for grounding
-))) Easy and tool-free fastening of the module to the strut or steel rail
-))) Simply slides onto the module frame and snaps into channeled strut or aluminum rail

))) Applications

Ground Mount
Industrial & Commercial Roofs

))) Modules

Framed
Portrait & Landscape



BENEFITS

))) Performance

UL recognized to UL 2703 section 17 for Temperature Cycle Testing
UL recognized to UL 2703 section 18 for Humidity Testing
UL recognized to UL 2703 section 19 for Corrosive Atmosphere Testing
UL recognized to UL 2703 section 21 for Mechanical Load Testing
UL recognized to UL 2703 section 22 for Bonding Conductor Testing

))) Easy to use

Tool free: low mounting effort
Multiple access points: module assembly from top or bottom
Maintenance friendly: no torque control required

))) Cost Savings

Fast assembly: 2 minutes saved per module ⁽¹⁾
Foot print reduction: for solar on-ground installations up to 3% ⁽²⁾



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MORE THAN FASTENING

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(1) According to field test results available on demand

(2) Clamp-less solution allowing 3cm average space saving between each module

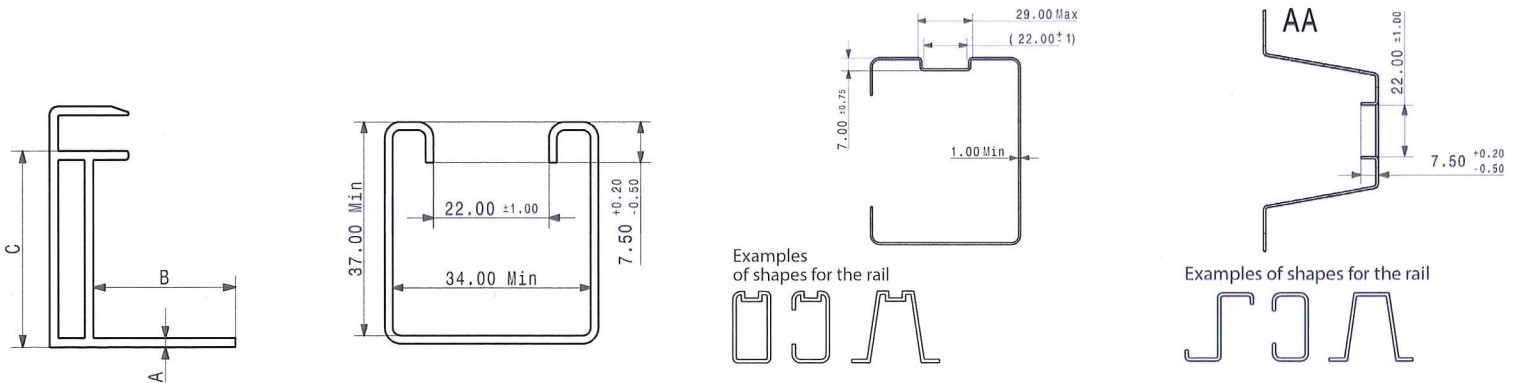
TECHNICAL SPECIFICATIONS



	Clip Module Fastener	Removal Tool
	PowAR Snap® 90B	PowAR Snap® 90B
Part Number	237390001	229959000 (side removal) 22713000 (back removal)
Material	SAE 1050-1065 Steel	1018 Steel HRPO
Surface Treatment	Hot dip galvanized 60 microns thick	Black Oxide
Dimensions (mm)	39.2x63.3x34	-
Weight (g)	50	-
Mechanical Resistance	UL recognized to UL 2703 section 21 Mechanical Load Testing	-
Corrosion Resistance	UL recognized to UL 2703 section 19 Corrosive Atmosphere Tests	-
Grounding Continuity	UL recognized to UL 2703 sections 17 ,18 and 22, Temperature Cycling Testing, Humidity Testing and Bonding Conductor Testing, respectively	-
PV Module Specifications	Module with frame thickness between 1.5mm and 2.2mm (dimension A below) and minimum lip length of 16mm (dimension B below)	-
Rail Specifications	Standard strut rails of 41x41mm or 41x62 mm or steel rails with punch matching 41mm strut section	-

Product information in this «brochure» can be modified without any previous notice.

TECHNICAL DRAWINGS



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