

Trinamount III

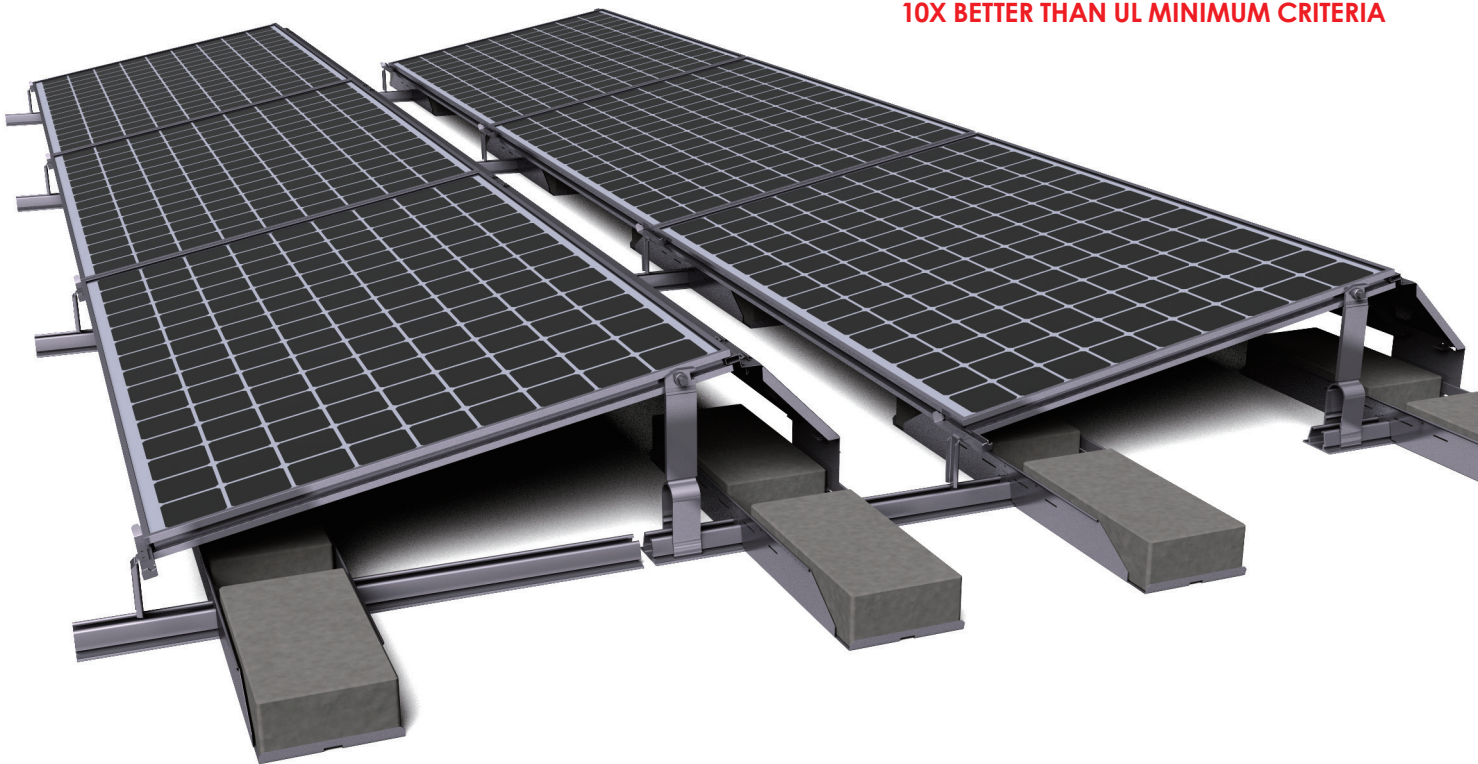
by Trinasolar

FOR FLAT ROOF

10 YEAR
PRODUCT WARRANTY FOR MODULE
AND MOUNTING SYSTEM

11 DEGREES
FIXED TILT ANGLE

**SIMPLIFIED
GROUNDING**
GROUND BOND CONNECTION
10X BETTER THAN UL MINIMUM CRITERIA





TRINAMOUNT III OF TRINA SOLAR OFFERS THE FASTEST AND LEAST EXPENSIVE WAY TO MOUNT PV ARRAYS ON FLAT ROOFS.

With a series of drop-in and quarter turn connections, Trinamount III greatly accelerates the process of commercial rooftop installation. Trinamount III eliminates the need for mounting rails, requires very few parts, and simultaneously accomplishes structural and grounding connections. With far less complexity than conventional systems, Trinamount III delivers both labor and logistics savings for commercial PV projects.

Trinamount III FOR FLAT ROOF

 **Tool-free installation** through drop in mounting solution

 **Low parts and SKU count** in comparison to conventional mounting solutions

 Long rail elimination **reduces** inventory and freight **cost**

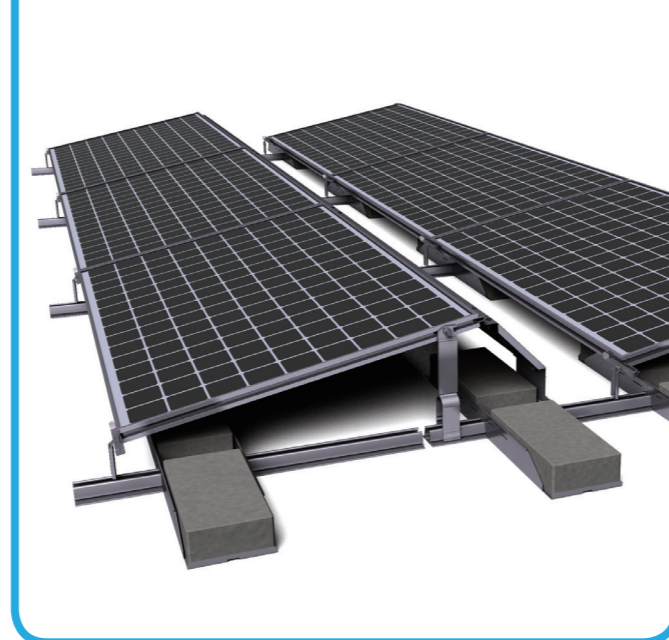
 **Theft resistant** with **auto grounding** hardware

 **Compact packaging** with module and mounting hardware delivered together

TRINA MODULE + MOUNTING SYSTEM HARDWARE

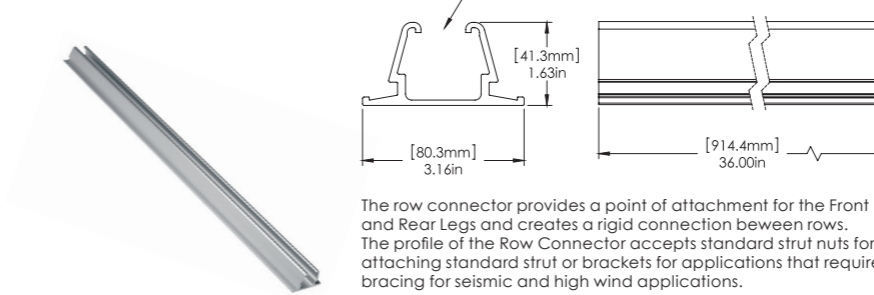


TRINAMOUNT SYSTEM

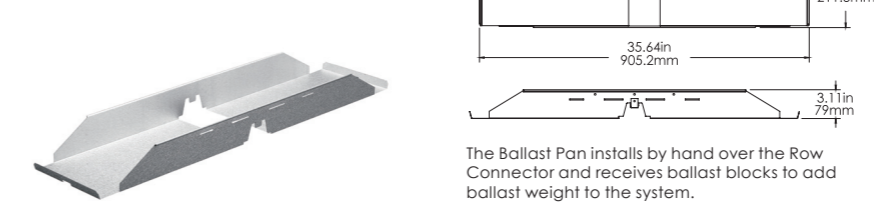


BASIC HARDWARE

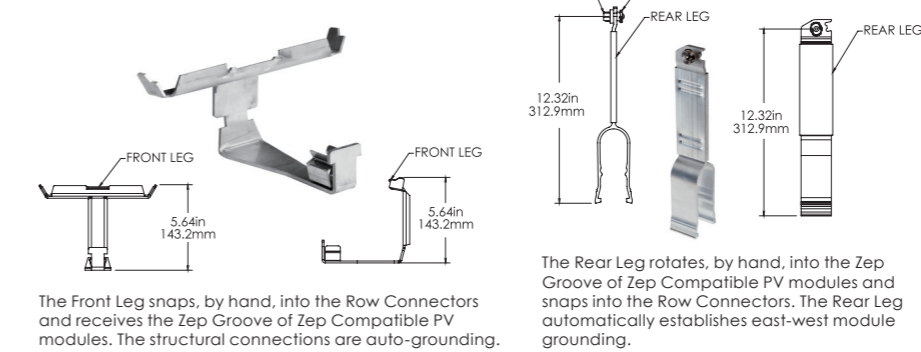
A Row Connector



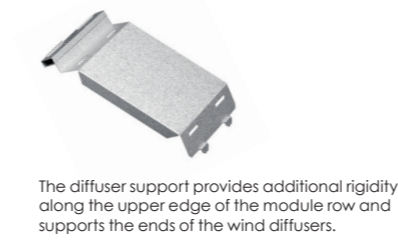
B Ballast Pan



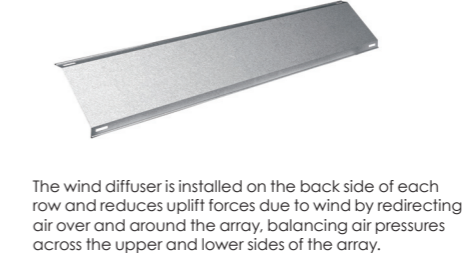
C D Front & Rear Legs



E Diffuser Support



F Wind Diffuser



G Ground Lug



ACCESSORIES

Trinamount Tool



TM III Removal Tool

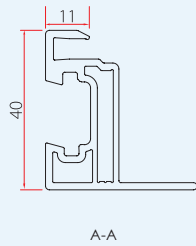
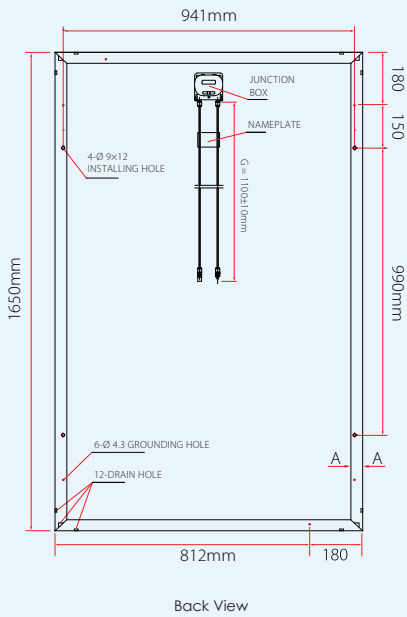


ORDERING INFORMATION

Part Number	Description	Type
720074	11° Row Connector	H
720076	Ballast Pan	H
720077	11° Front Leg	H
720078	11° Rear Leg	H
720079	11° Wind Diffuser	H
720080	11° Diffuser Support	H
720070	Ground Lug	H
720071	Wire Clip	H
720081	Trinamount Tool	A
720190	TM III removal kit	A

H = Basic hardware A = Accessories (sold separately)

DIMENSIONS OF 60 CELL TRINAMOUNT MODULE



COMPATIBLE 60 CELL MODULES

MODULES

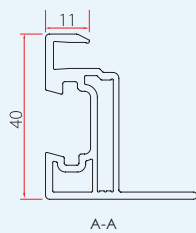
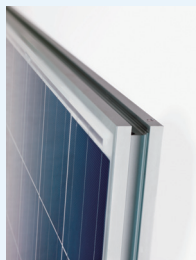
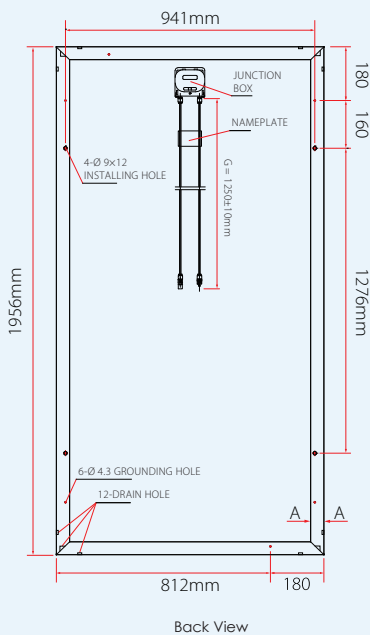
TSM-PC05.18
TSM-PC05A.18
TSM-PA05.10
TSM-PA05.15

FOR ELECTRICAL DATA PLEASE REFER TO RESPECTIVE DATASHEET OF ABOVE MODULE

MECHANICAL DATA

Solar cells	Multicrystalline 156 × 156mm (6 inches)
Cell orientation	60 cells (6 × 10)
Module dimension	1650 × 992 × 40mm (64.95 × 39.05 × 1.57 inches)
Weight	20.3kg (44.8 lb)
Glass	High transparency solar glass 3.2mm (0.13 inches)
Frame	Anodized aluminium alloy
J-Box	IP 65 rated
Cables / Connector	Photovoltaic Technology cable 4.0mm ² (0.006 inches ²), 1100mm (43.3 inches), Original MC4 / H4

DIMENSIONS OF 72 CELL TRINAMOUNT MODULE



COMPATIBLE 72 CELL MODULES

MODULE

TSM-PA14.10

FOR ELECTRICAL DATA PLEASE REFER TO RESPECTIVE DATASHEET OF ABOVE MODULE

MECHANICAL DATA

Solar cells	Multicrystalline 156 × 156mm (6 inches)
Cell orientation	72 cells (6 × 12)
Module dimensions	1956 × 992 × 40mm (77 × 39.05 × 1.57 inches)
Weight	27.6kg (60.8 lb)
Glass	High transparency solar glass 4.0mm (0.16 inches)
Frame	Anodized aluminium alloy
J-Box	IP 65 rated
Cables / Connector	Photovoltaic Technology cable 4.0mm ² (0.006 inches ²), 1250mm (49.2 inches), Original MC4

CERTIFICATION



TSM_EU_August 2011_RevA_Trinamount III