



The Standard for Waterproof Flexible Flashing Since 1994

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List of PV Modules compatible with this racking system. May 2023

The Roof Tech RT-APEX rail-less PV mounting system is certified to UL 2703 and may be used to ground and/or mount a PV module complying with UL 1703 only when the specific module has been evaluated for grounding and/or mounting in compliance with the included instructions. Unless otherwise noted, “xxx” refers to the module power rating and both black and silver frames are included in the certification. The following list of PV modules have been evaluated to UL 2703 Ed.1.

※Torque value of 16Nm:

Manufacturer	PV module Model No.
Aptos Solar	DNA-144-MF23-xxxW, DNA-144-BF23-xxxW, DNA-120-BF23-xxxW, DNA-120-MF23-xxxW
Axitec	AC-xxxP/156-60S, AC-xxxM/156-60S AC-xxxP/156-72S, AC-xxxMH/120(S or V)
Canadian Solar	CS6U-xxx CS6K-xxx, P-SD,P,M,MS, AB,CS6K-xxxP, CS6K-MS- xxx CS6X-xxxP CS1H-MS CS3K-MS CS6P-xxx-xxx P-SD CS3L-xxxMS, CS3N-xxxMS, CS1Y-xxxMS, CS3W-P, CS3W-MS, CS3W-PB-AG, CS3W-MB-AG
Heliene	60P, 60M
JA Solar	JAP6 60-xxx, JAM6-60-xxx/SI, JAM6(K)-60/xxx, JAP6(k)-72-xxx/4BB, JAP72SYY-xxx/ZZ, JAP6(k)-60- xxx/4BB, JAP60SYY-xxx/ZZ, JAM6(k)-72-xxx/ZZ, JAM72SYY-xxx/ZZ, JAM6(k)-60-xxx/ZZ, JAM60SYY- xxx/ZZ, JAM 72S09 i. YY: 01 white backsheet, 02 black backsheet, 03 half-cell and white backsheet, 09 M4 cell, 10 M4 1/2 cell ii. ZZ: SC standard cell, PR = perc, BP = bifacial, HiT = HIT, IB = IBC, MW = MWT
Japan Solar	JS-xxxU-LI60 JS-xxxM-LI60 JS-xxxU-LI72 JS-xxxM-LI72 JS-xxxM-TC160 JS-xxxU-RJ160 JPS285/290M-60

Manufacturer	PV module Model No.
Meyer Burger	Meyer Burger Black xxx, Meyer Burger Glass xxx, Meyer Burger White xxx
Peimar	SG360M, SG270/280P, SG290/300M (FB), SG300/310M (FB), SG325/330P
REC	RECxxx Alpha Series, RECxxx N-Peak Energy Series RECxxx Alpha72 Series, RECxxxTwinPeak 3M Series RECxxxAA Alpha Black Series, RECxxxNP Black Series RECxxxTP 2SM 72, RECxxxTP3M Black series RECxxxAA Pure Black, RECxxx NP2, RECxxxNP2 Black, REC xxxTP4 Black, RECxxx AA Pure, RECxxx TP4, RECxxx NP3 Black, RECxxx AA Pure-R
Silfab	SLA-M xxx SLG-M xxx SLA-X SLG-X SLA-P xxx SLG-P xxx SSA-M SSG-M SSA-P xxx SSG-P xxx SIL-xxx NL
Solaria	XT-xxxR-PD XT-xxxR-BD XT-xxxR-PX XT-xxxR-PM-AC XT-xxxR-PM XT-xxxR-BX
SolarWorld	SW xxx POLY (33mm black frame), SW 275-280 MONO BLACK (33mm frame), SW xxx-xxx XL MONO (33mm frame), SW xxx-xxx MONO (33mm frame), SW xxx-xxx MONO (33mm frame, 5 buster), SW xxx- xxx MONO BLACK (33mm frame)
Suniva	OPT xxx-60-4-100, OPT xxx-60-4-1B0, OPT xxx-72-4- 100
Trina	TSM-DE15H(II), TSM-DE15M(II) TSM-DD06M.05(II), TSM-DD06M.08(II) TSM-DEG15HC.20(II), TSM-DEG15MC.20(II) TSM-DEG6MC.20(II)
Manufacturer	PV module Model No.
VSUN	VSUNxxx-60M-BB, VSUNxxx-72M

Yingli	YL xxxP-29b, YL xxxP-35b, YLxxxD-30b(xxx=Pmax), YLxxxD-36b(xxx=Pmax)
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※Torque value of 18Nm:

Manufacturer	PV module Model No.
Astronova	CHSM6612P, CHSM6612P/HV
Astroenergy	CHSM6612M-HV-xxx, CHSM6612P-HV-xxx, CHSM72M(DG)/F-BH, CHSM72M-HC xxxW, CHSM72M(DG)/F-BH xxxW
AUXIN SOLAR	AXN6M610Txxx, AXN6M Series
BYD	P6K Series (35mm), MHK-36
Canadian Solar	CS6R-xxx-MS-HL
Certainteed	CTxxxMxx-01, CTxxxPxx-01, CTxxxMxx-02 Where "xx" denotes frame and backsheet color. CT-03 Series CTxxxHC11-04
Dehui Solar	DH-60M xxx-xxxW
Eco Solargy	ORION 1000 ECOXXXH156P-60, APOLLO 1000 ECOXXXT156M-60, and APOLLO 1000 ECOXXXA156M- 60.
ET Solar	ETAC Module, ET Module.
GCL	40mm frame: GCL-P6/72 35mm frame: GCL-P6/72, GCL-P6/72H, GCL-M6/72, GCL-M6/72H 35mm frame (Black frame): GCL-P6/60, GCL-M6/60
Hansol	TD-AN3 (40mm), TD-AN4, UB-AN1 (35mm), UD-AN1 (40mm), UB-AN1, UD-AN1
HELIENE	144 HC M6 –xxx, 108 HC M10 SL, 144 M M6 Series Bifacial
HT Solar	HT60-156(M) (NDV) (-F), HT 72-156(M/P)
HYPERION	HY-DH108P8
Hyundai	HiA-SxxxHI, KG, MG, TG, RI, RG, TI, MI, KI series (35mm and 40mm).
ITEK	iT-xxx, iT-xxx-HE, iT-xxx-SE, iT-xxx-SE-72 (40mm).

Manufacturer	PV module Model No.
Jinko	Eagle PERC 280-300, JKMxxxM, Eagle PERC 280-300, JKMxxxM, Eagle JKM275PP-60, JKMxxxPP-60, Eagle JKM275PP-60, JKMxxxPP-60, Eagle JKM330PP-72, JKMxxxPP-72, Eagle JKM330PP-72, JKMxxxPP-72, Eagle JKM280PP-60-J4, Smart MX 255-320, JKM xxxM-60HBL, JKMxxxM-72 HL-V, JKMxxxM-72HL-TV, JKM xxxM-66H, JKM xxxM-66H-V
Kyocera	KD 260GX-LFB2, KD265GX-LFB2, KU265-6MCA
LG	<p>MONO X, MONO X 2, Mono X Plus, Mono Neon 2, Mono Neon 2</p> <p>LGxxxN1C-V5, LGxxxN1K-V5, LGxxxN2W-V5, LGxxxN2T-V5, LGxxxQ1C-V5, LGxxxQ1K-V5, LG xxx S1C-L4, LG xxx N1C-G4, LGxxxN1T-V5, LGxxxN2W-B3, LGxxxN2W-G4, LG xxx S1C-A5, LG xxx N1C-A5, LGxxxQ1C(Q1K)-A5, LGxxxN1C(N1K)-A5, LGxxxS1C-A5, LGxxxA1C-A5, LGxxxN2T-A5, LGxxxN2W-A5, LGxxxS2W-A5, LGxxxE1C-A5, LGxxxN1C(N1K)-G4, LGxxxS2W-G4, LGxxxS1C-G4, LGxxxE1K-A5,</p> <p><u>In Bold Optional 16Nm Torque</u></p> <p>LGxxxQ1K-A6, LGxxxQ1C-A6. LGxxxQAC-A6, LGxxxQAK-A6, LGxxxA1C-A6, LGxxxN1C-A6, LGxxxN1K-A6, LGxxxM1C-A6, LGxxxM1K-A6, LGxxxN2W-E6, LGxxxN2T-E6, LG xxxA1C-V5, LGxxxN1K-L5, LGxxxN1C-N5, LGxxxN1K-A6, LGxxxN1C-A6, LGxxxW-BIFACIAL, LGxxxW-MONO, LGxxxN1C(K)-V5, LGxxxQ1C(K)-V5, LGxxxNxW(T)-VS, LGxxxQ1C(K)-N5, LGxxxN1K-L5, LGxxxN2W(T)-L5</p>
LONGi	LR6-60PH 290-310M, LR6-72HV 330-350M, LR6-72PH 360-380M LR6-60HPB-xxxM, LR6-60HPH-xxxM, LR6-72HPH-xxxM, LR4-60HPB/HIB-xxxM, LR4-60HPH/HH-xxxM, LR4-72HPH/HH-xxxM
Mission Solar	MSE series
Mitrex	M390-A1F
Mitsubishi	MJE, MLE
NSP	D6M and D6P
Manufacturer	PV module Model No.
Panasonic	VBHN240SA11, VBHN325SA16 and 16B, VBHN330SA16 and 16B VBHNxxxSA17, VBHNxxxSA17E, VBHNxxxKA03, VBHNxxxRA18N, VBHxxxRA18N, VBHxxxRA03K, VBHxxxRA18E, VBHxxxRA03F, VBHxxxRA18G, EVPVxxx, EVPVxxxK, VBHNxxxKA03E, EVPV-xxxPK, EVPV-xxxH
Phono Solar	PS-xxx-60, PS-xxx-72

Renesola	Virtus II with module ratings of 250-260 in increments of 5. 156 series with module ratings of 270-275.
S-Energy	SN3xxM-10/SN3xxP-10 (40mm), SNxxxM-10/SN2xxP- 10 (40mm), SNxxxP-15 (40mm)
Seraphim	SRP-6MA xxxW, SEG-6MA-xxx, SEG-BMA-xxx, SRP 6MB xxxW, SEG-6MB-xxx, SEG-BMB-xxx, SRP-6MB-BB xxxW, SRP-6PA xxxW, SEG-6PA-xxx, SRP-6MA-xxx, SRP-BMA-xxx, SRP-6MB-xxx, SRP-BMB-xxx
Sharp	60 and 72 NUSA-xxx/NUSC-xxx
Sonali	SS 230 - 265
SunPower MAXEON	SPR-MAX 3-XXX-Blk-R, SPR-MAX 6-xxx-COM, SPR-MAX 3-XXX-COM, MAX3 104c COM – G4.2 LS and SS, MAX6 72c COM- G5.6 LS (SS is same profile as LS)
SunSpark	Mono Module SST-xxxW (60 and 72 cells)
Suntech	STP 35/40
VERTEX	TSM-DE19C, TSM-xxxDE09.05
Winaico	WSP-xxxM6 PERC, WSP-xxxM6, WST-xxxP6BF, WST- xxxP6SF

※ Torque value of 18Nm and mounting on the long side of PV module:

Manufacturer	PV module Model No.
Aptos Solar	DNA-M10 (MF10 & MB10)-xxx, DNA-M6 (MF26 & BF26)-xxx, DNA-M3 (MF23 & BF23)-xxx
Hanwha Q-Cells	Q.PEAK DUO R XXX (R is the Model listed and xxx is the Power) G5, BLK-G5, G6, BLK-G6, G6+, BLK-G6+, G7, BLK-G7, G8, BLK-G8, G8+, BLK-G8+, BLK ML-G10 L-G5.X, L-G6.X, L-G7.X, L-G8.X, L-G8.3/BFG, L-G8.3/BFF (Where X can be 0 – 9) G5/SC, BLK-G5/SC, G6+/SC, BLK-G6+/SC, BLK-G6+/AC Q.PEAK DUO ML-G10/G10+, BLK ML-G10/G10+, BLK G10/G10+, G10/G10+, ML-G9, ML-G9+, ML BLK-G9, ML BLK-G9+, XL-G10.3/BFG/BGT, XL-G10/G10.2/G10.3, XL-GG9.3/BFG/BGT, XL-G9/G9.2/G9.3
JA Solar	JAM54S30, JAM54S31
Talesun	BiPro TP7G54M-xxxW, TP7G54M(H)-xxxW, Adding BiPro models

Note : Hanwha Q-Cells modules in Portrait option for bonding is the DynoBond.

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Customer Support

If you need assistance at any point of your installation or have suggestions on how can we improve your experience, call Roof-Tech customer support.

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