



Smarter PV mounting solutions from top of roof to bottom line®

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List of PV Modules compatible with RT APEX rail-less PV mounting system.

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.

Clamp Torque value of 16N.m:

PV module manufacturer	PV module Model No.
Axitec	AC-xxxP/156-60S AC-xxxP/156-60S AC-xxxM/156-60S AC-xxxM/156-60S AC-xxxP/156-60S AC-xxxP/156-72S AC-xxxP/156-60S
Canadian Solar	CS6U-xxx CS6K-xxx, P-SD,P,M,M-AB,CS6K-xxxP, CS6K-MS-xxx CS6X-xxxP CS6P-xxx-xxx P-SD
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

Peimar	SG360M, SG270/280P, SG290/300M (FB), SG300/310M (FB), SG325/330P
REC	REC Peak Energy BLK2 Series REC Peak Energy Series REC TwinPeak Series
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
Solaria	XT-350R-PD XT-345R-BD XT-330R-PX XT-325R-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 BLACK (33mm frame)
Suniva	OPT xxx-60-4-100, OPT xxx-60-4-1B0, OPT xxx-72-4-100
Trina	TSM-PD05, TSM-PD05.05, TSM-PD05.08, TSM-PE05A, TSM-PE05A.08 TSM-DD05A(II), TSM-DD05A.05(II), TSM-DD05A.08(II) TSM-DD05A.052(II), TSM-DD05A.082(II), TSM-PD05.052, TSM-PD05.082 TSM-DD05A.08S(II), TSM-DD05A.05S(II), TSM-PD05.08S TSM-PD05.08C, TSM-PD05.08D TSM-PD14, TSM-PE14A, TSM-PE14A.08 TSM-DD14A(II), TSM-DD14A.05(II), TSM-DD14A.08(II), TSM-PD14.002
Yingli	YL xxxP-29b, YL xxxP-35b, YLxxxD-30b(xxx=Pmax), YLxxxD-36b(xxx=Pmax)

Clamp Torque value of 18N.m:

PV module manufacturer	PV module Model No.
Astronova	CHSM6612P, CHSM6612P/HV
BYD	P6K Series (35mm), MHK-36
Certainteed	CTxxxMxx-01, CTxxxPxx-01, CTxxxMxx-02 Where "xx" denotes frame and backsheet color. CT-03 Series
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
HT Solar	HT60-156(M) (NDV) (-F), HT 72-156(M/P)
Hyundai	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).
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
Kyocera	KD 260GX-LFB2, KD265GX-LFB2, KU265-6MCA
LG	MONO X, MONO X 2, Mono X Plus, Mono Neon 2, Mono Neon 2 LG xxx S1C-L4, LG xxx N1C-G4 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
LONGi	LR6-60PH 290-310M, LR6-72HV 330-350M, LR6-72PH 360-380M
Mission Solar	MSE series
Mitsubishi	MJE, MLE
NSP	D6M and D6P
Panasonic	VBHN240SA11, VBHN325SA16 and 16B, VBHN330SA16 and 16B
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 340-360W, SRP-6MB-BB 290-310W, SRP-6PA 315-330W
Sharp	60 and 72 NUSA-xxx/NUSC-xxx
Sonali	SS 230 - 265
Sunpower	E20-xxx-COM, X21-xxx, X22-360-C-AC. **Evaluated with both the G3 and G5 frame** SPR-P17-xxx-COM (xxx: module power rating)
SunSpark	Mono Module SST-xxxW (60 and 72 cells)
Suntech	STP 35/40
Winaico	WSP-xxxM6 PERC, WSP-xxxM6, WST-xxxP6BF, WST-xxxP6SF

Use on the long side only, with 18N.m:

PV module manufacturer	PV module Model No.
Hanwha Q-Cells	<p>G3, L-G4 and L-G2, Q.PLUS G4 xxx, Q.PLUS BFR G4.1/TAA xxx, Q.PLUS BFR, G4.1/MAX xxx, Q.PLUS BFR G4.1 xxx, Q.PRO-G4 xxx, Q.PRO EC-G4.4 xxx, Q.PRO BFR G4 xxx, Q.PRO BFR G4.1 xxx, Q.PRO BFR G4.3 xxx, Q.PEAK-G4.1 xxx</p> <p>Q.PEAK- G4.1/MAX xxx, Q.PEAK BLK G4.1 xxx, Q.PEAK-G4.1/TAA xxx</p> <p>Q.PEAK BLK G4.1/TAA xxx, B.LINE PRO BFR G4.1 xxx, B.LINE PLUS BFR G4.1 xxx, B.LINE PRO BFR G4.1 xxx, Q.PEAK DUO-G5-xxx, Q.PEAK DUO-G5.X-xxx and Q.PEAK DUO BLK-G5-xxx</p> <p>Q.PEAK L G4.2, Q.PLUS L G4.2, Q.PLUS L G4.1 -35mm, Q.PLUS L G4 - 35mm, Q.PRO L G4 -35mm, Q.PRO L G4.1 - 35mm, Q.PRO L G4.2 - 35mm, B.LINE PLUS L G4.2 - 35mm, B.LINE PRO L G4.1 - 35mm, B.LINE PRO L G4.2 - 35mm, Q.PLUS L-G4.2/TAA -35mm, Q.PEAK DUO L-G5.2, Q.PEAK DUO L-G5.3 (380-395), Q.Peak Duo L-G6 xxx, Q.Peak Duo L-G6.2 xxx, Q.Peak Duo L-G6.3 xxx, Q.Peak Duo G6 xxx, Q.Peak Duo BLK-G6 xxx</p>

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