

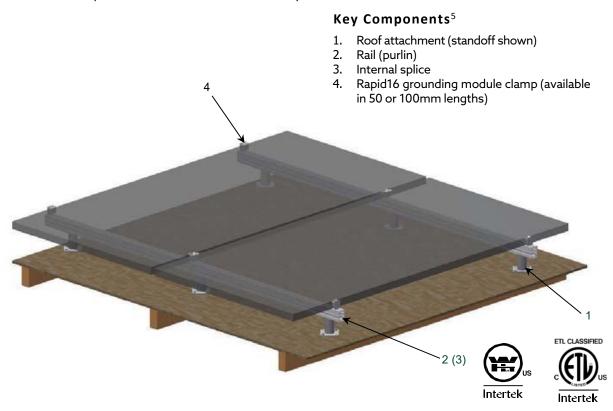
FLUSH MOUNT FEATURES

Schletter Inc. offers a wide array of solutions for flush mount photovoltaic (PV) applications suitable for nearly any environmental condition. Every solar mounting system is designed for strength and ease-of-installation using high quality products to meet or exceed applicable IBC, ASCE, and UL standards.

Flush Mount Features

- Conforms to UL 2703¹
- Certified to LTR AE-001²
- Fire class resistance rating: Class A when used with Types I and Type III photovoltaic modules only³
- Flexible design
- Modular components
- Industry leading installation times
- Electrically bonded unit
- Included Rapid16 grounding module clamp (available in 50 or 100mm lengths)
- Portrait and landscape module orientation⁶

Once the attachment mechanism is installed (i.e. roof hook, Fix2000, etc.), the process for installing the rails, modules, and clamps is essentially the same. The following will review proper installation methods for commonly used roof attachment components for Schletter Flush Mount Systems.⁷

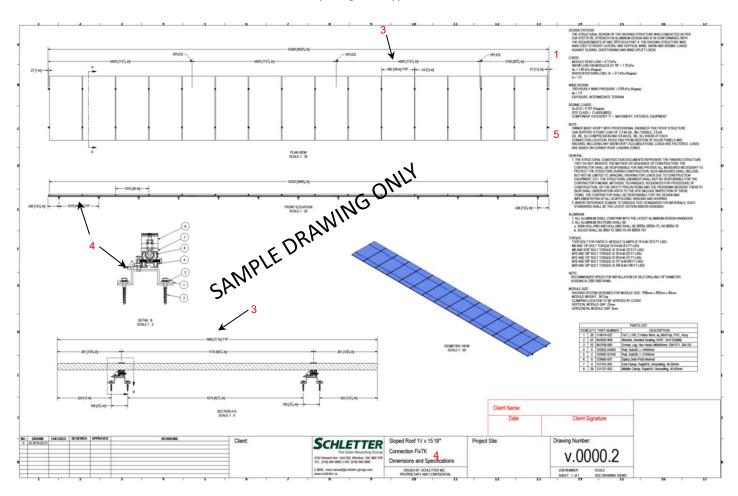


- ¹ The Flush Mount System is evaluated for electrical bonding only. The Flush Mount System meets all IBC and ASCE requirements for structural loading; it was not evaluated for loading under UL 2703.
- ₂ Maximum load 5,400 Pa. Flush Mount Systems generally have a roof connector every 2 modules.
- 3 Special consideration needs to be taken during design phase if system requires protective fire barrier.
- ⁴ Maximum number of modules shall not exceed maximum system voltage.
- 5 Individual parts and components will vary from system-to-system. Please reference system specific drawings.
- ⁶ This racking system may be used to ground and/or mount a PV module complying with UL1703 only when the specific module has been evaluated for grounding and/or mounting in compliance with the included manual.
- z Installer is responsible for verifying that photovoltaic system meets applicable NEC standards.

SAMPLE DRAWINGS

Specific drawings are provided for each project. Key information included on these drawings is as follows:

- 1. Design Criteria
 - Notes Section
- 3. Module Dimensions
- 4. Connection Spacing and Type
- 5. Connection Forces



Recommended Maximum System lengths : Thermal expansion (Gap between racks 25-50mm)

System Type	Maximum length (ft)
Flush mount using self drilling screws	20 (6.1m)
Flush mount using using FixT, roof hooks, etc.	35 (10.7m)

INSTALLATION TOOL LIST

- Tape measure
- Chalk line
- Marker
- Inclinometer
- Carpenters square
- Pliers
- Torx® bit (TX40) for Rapid16™ module clamps
- 3/8" drive socket for selfdrilling screws
- Drill bit check hardware to determine drill bit size
- Torque wrench
- Wrench and/or socket for all bolted connections
- Rubber mallet for installation of end caps
- Ratchet and/or rechargeable power drill
- Chop saw

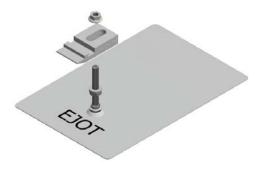


ASPHALT SHINGLE ROOF ATTACHMENTS

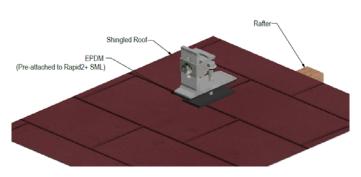
1. Connect Roof Attachment

- Rapid 2+ SML for asphalt roof
- See Quick Mount PV, EcoFasten, or Ejot installation specifications.⁸

www.quickmountpv.com www.ecofastensolar.com www.ejot-usa.com

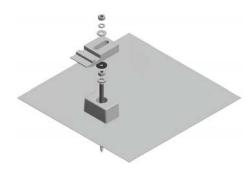


Connect KlickTop HB as shown using provided hardware



Connect Rapid2+ SML to rafters using lag bolt incl. sealing washer

919015-001 – Butyl Tape, required when installing Rapid2+ SML on asphalt shingles. (not included with Rapid2+SML)





Rapid SML can be used with Power Clamp RT-Mini, no additional butyl tape required.

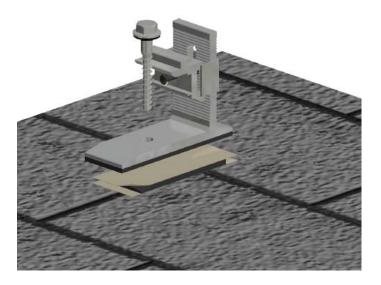
^{8©}Quick Mount PV is owned exclusively by Quick Mount; [©]EcoFasten is a registered tradename of EcoFasten Solar; [©]EJOT is a registered tradename of EJOT; neither tradename is owned by Schletter



MOUNTING INSTRUCTIONS RAPID2+SML ON SHINGLED ROOFS

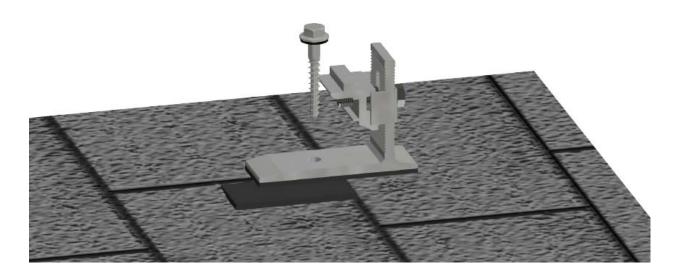
Mounting and Sealing

- Shingles must be in sound condition, dry and free of any damage or debris to ensure flush contact with butyl tape
- Service temperature range of the butyl tape is -40°F to 190°F (-40°C to 88°C)
- Application temperature = service temperature, must follow installation instructions according to butyl tape data sheet (page 7)
- Butyl tape must not be installed on seam or gap. If installing on overlaying shingles, additional butyl tape is required to create a flush surface
- Wood screw must be fastened vertically to ensure tightness of sealing washer
- While Schletter
 - NA offers components that can help to seal penetrations, responsibility for sealing penetrations lies with the installer



Press firmly on the corner before removing the paper! If you don't press firm enough, the paper will not peel off the butyl tape.





Technical Data Sheet



Pitched Roof Solar Mount Tape

Pitched Roof Solar Mount tape is a butyl, pressure sensitive high performance tape specifically for solar mounting applications on pitched roof. This product is compatible with a wide range of roofing materials and designed for installation and performance in wide range of temperatures.

Technical Data

Property	Typical Value	Test Method
Service Temperature Range	-40°C to 88°C (-40°F to 190°F)	
Tensile Strength	80 kPa	ASTM D412, Die C
Peel Adhesion	2 N/mm	FLTM BU 112-02, Method A
Adhesive Strength	1.5 N/mm	FLTM BU 112-02, Method C
Burn Rate	0.99 in/min	FMVSS 302
Elongation	800%	ASTM D412, Die C

Instructions

The substrate must be thoroughly dry before installation. A completely dry surface is critical to long-term performance, use of hot-air or a torch is recommended for any substrate showing obvious moisture. For this application, the application temperature of the substrate and tape is not critical to performance, if the product is immediately placed in compression by installation of the system.

To install: remove the protective release liner immediately prior to application, being careful not to contaminate the surface covered by the liner. Apply the part without entrapping air between the tape and the substrate. Install racking application as the next step using torque specified by the racking manufacturer.

Dimension and Packaging:

Individual Piece: 38 mm x 80 mm

Box: 38 mm (1.5") x 80 mm (3.1") (die-cut)

Dimension and Packaging:

Storage material in original unopened packaging at temperatures between 20°C to 50°C (68°F to 120°F). Shelf life is 24 months when stored as recommended.

Dimension and Packaging:

Prior to working with this or any product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions and disposal considerations.

STANDING SEAM CLAMP

Schletter Flush Mount Systems are compatible with most standing seam clamps on the market.

1. Connect Standing Seam Clamp

- See S-5!/Solar Connections or similar clamp's webpage for proper installation
- Locate position of clamp on roof; arrange the clamps according to the required rail positions; attach clamps loosely to roof profile, set final torque once rail is positioned

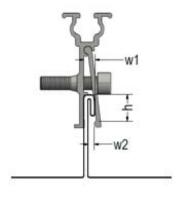


Connect RapFix to standing seam clamp using M8 bolt

2. Railless - Folding Clamp 503 Rapid for Standing Seam Roofs

To calculate the number of attachments for a specific location use the rail-less attachment calculator at www.schletter-group.com.

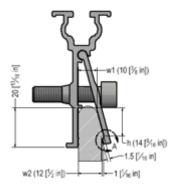




Standard Seam

Typ. seam dimensions:

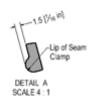
h=11-13 mm w1=4-6 mm w2=3 mm



Maximum Seam

Max. seam dimensions:

h=14 mm w1=10 mm w2=12 mm



Maximum Scam

The lip of the 503 Rapid clamp must extend underneath the fold of the standing seam clamp to create a positive, interlocking connection.

The tightening torque must be limited so

that the sheet metal seam does not get

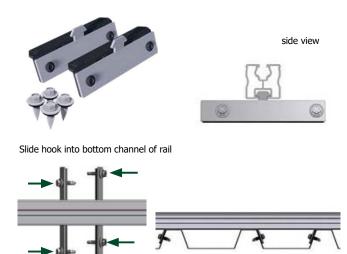
the sheets is not prevented.

distorted, and the thermal lengthening of

SINGLE FIX-V / CLAMPFIT

1. Single Fix-V to Rail Connection

 Connect SingleFix-V to rails before attaching to the roof



Tighten self-drilling screws until there is slight pressure on the gasket

2. Connect Single Fix-V to Roof

- Measure and mark distances between attachments before installing (screws should not be uninstalled and reinstalled in same location)
- Connect SingleFix-V to Roof with EcoLight
- 450 mm module support profile



3. ClampFit Fastener

Can be combined with the universal Rapid16 module clamps.

- For all common trapezoidal sheets with a min. of 26 gauge
- Used only for landscape applications
- Clamping location must be verified with module manufacturer
- To calculate the number of attachments for a specific location use the rail-less attachment calculator at www.schletter-group.com.

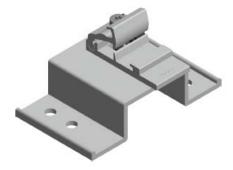


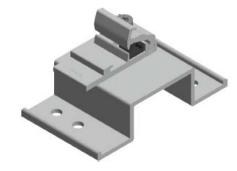
FIX-TK

Aluminum roof attachment for corrugated sheet metal roofs, attaches to strapping or rafters (not OSB/plywood). EPDM and hardware not included. Only 2 screws with sealing washers are required. Holes are 9 mm or 3/8".

1. Connect Fix-TK to Roof

- Locate strapping and mark attachment points (see design drawings and/or span table)
- Drill pilot holes on designated attachment points
- Can be installed perpendicular or parallel to strapping





RAIL INSTALLATION

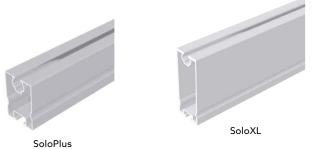
1. Rail Options for Flush Mount Application

EcoLight, Eco05, Solo, SoloPlus, SoloXL

Top channel: M8

Bottom channel: M10



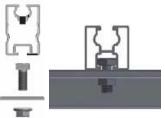


2. Install Rail

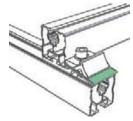
 Installation method varies depending on the type of roof attachment-to-rail connector being used; follow appropriate instructions shown to the right



KlickTop and KlickTop HB: press rail channel into 'hook', secure by tightening bolt/nut



Slide M10 hexagon-head screw into rail channel, secure with M10 flange nut from underside of roof attachment

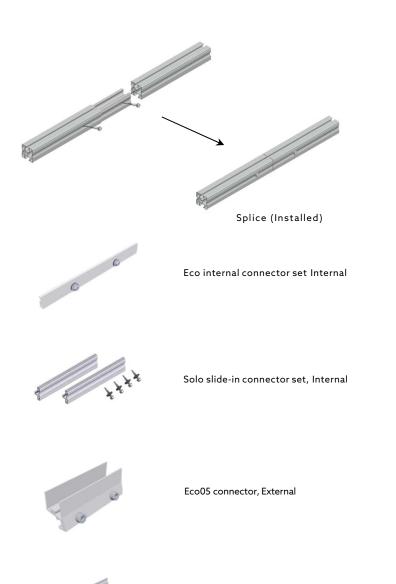


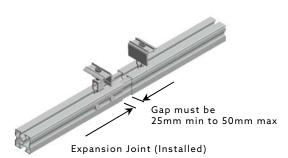
Rail-to-rail connection

RAIL INSTALLATION

3. Add Rail Splice

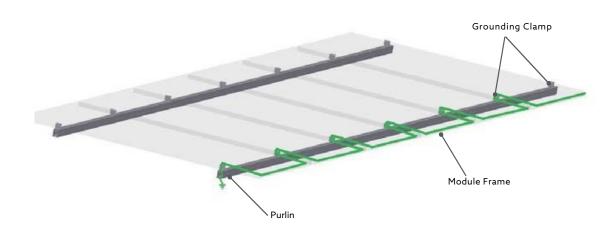
 Insert half of internal splice into first rail, secure with provided self-drilling screw; insert exposed end of splice into second rail, secure with self-drilling screw





- Can be used with Solo rails only
- Screw located on one rail only to allow movement

GROUNDING PATH DIAGRAM



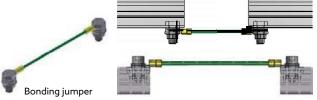
The following purlin rails can be used for this grounding path.



OPTIONAL ACCESSORIES

1. Bonding Jumper

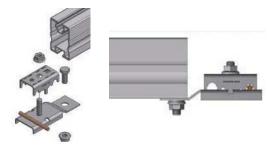
- Electrically bonds adjacent systems, forming a continuous ground path
- Available in 6-inch to 48-inch lengths
- Required at expansion joints/ physical breaks



Bonding jumper connects directly to the top channel of rail using M8 or M10 hardware or bottom channel using M10 hardware

2. Overcurrent Protection Device (Grounding)

- Accommodates strandard or solid copper wire (2 gauge to 14 gauge)
- Must use bare copper wire to make connection. Remove at least 2 inches of insulation to expose copper wire
- Connects to bottom M10 rail channel



Loosen or remove top portion of grounding lug and insert grounding wire into appropriate groove



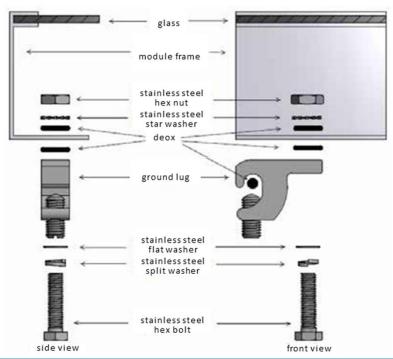
Grounding lug (Part #135003-003)



Grounding wire must extend through grounding lug by at least 1/4 inch

ILSCO GROUNDING PATH INSTALLATION INSTRUCTION

GBL-4SS, Ground Lug Installation Instructions for Photo Voltaic Applications





GBL-4SS

OPTIONAL ACCESSORIES

3. Cable Management

- If cable management was ordered with the system, install before modules are in place.
- Keep in mind: ProKlips will be positioned in the space between rail and back of module, which is created by module frame.







ProKlip-Multi 8 (129065-008): gently press clip into top channel of front or rear rail, use caution as clip may break.

ProKlip-C (129005-000): connect clip to side of rail inserting hooks in top and bottom channels

FIRE BARRIER

- Required in systems installed on roofs with slopes less than 9.5 degrees (not for use on roofs with slopes greater than 9.5 degrees)
- Fire barrier should be installed after modules are properly installed
- Start at one corner of the system and place the horizontal and vertical fire barrier pieces between the module frame and rail
- Ensure correct dimension of the side alignment of module and rail
- Maximum opening between fire barrier and roof deck is one inch
- Provides for a Class A fire rating when used with Type I modules
- For Type III modules, a minimum of 8" clearance between module and roof deck must be maintained, but no fire barrier is required for a Class A rating
- Only required on perimeter of array

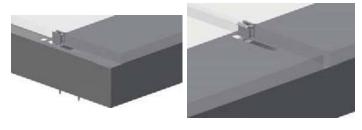




Position side fire flashings



Position front and back fire flashings



Position Modules; see page 14 for module installation instructions. Secure all connections using module clamps

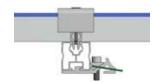
MODULE MOUNTING

1. Position Modules

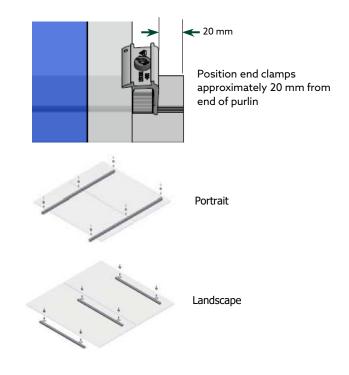
- Position end clamps on rail approximately 20 mm from end of rail, do not tighten
- Position first module and secure using prepositioned end clamps, do not tighten
- Attach middle clamps to rail on the exposed side of first module
- Place second module next to first module and secure using middle clamp, do not tighten
- · Repeat until end of row
- Modules installed in landscape require Module Support Plate (Part #139004-005) installed between module and rail

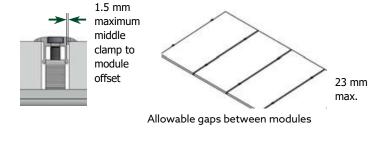
2. Secure Modules

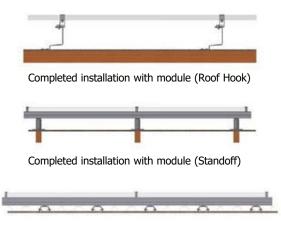
- Verify that the module clamp is fully engaged on the rail and 1.5 mm maximum middle clamp to module offset is aligned with the module frame
- Secure all clamps to specified torque values
- When mounting modules, please observe the clamping points specified by the module manufacturer



Rapid16 clamp connected to purlin (side view)







Completed installation with module (Fix2000)

EQUIPMENT GROUNDING

- Many PV installations contain more than one mounting system. Such cases call for electrically bonding each of the different mounting systems. Since individual racks are fully bonded units, it is only necessary to connect individual racks together from one single point to another single point. Only use stainless steel hardware when connecting harnesses or jumpers to the mounting system. Take care to prevent copper wires from directly contacting aluminum surfaces as this will cause corrosion. For this purpose, Schletter supplies a bonding jumper (see page 6).
- The PV INSTALLER of Schletter's electrically bonded PvMax system must provide the components necessary for the final
 connections to the grounding electrode system. Typically, the installation will incorporate a grounding electrode (ground
 rod), appropriately sized copper wire, rated wire connectors, and grounding lugs which are rated for this purpose. The PV
 INSTALLER must follow all manufacturers' installation literature. Installation must comply with all applicable NEC/CSA
 sections
 - including but not limited to; NEC 250 (Grounding and Bonding), NEC 690 (Solar Photovoltaic Systems), CSA 22.1 (Safety Standard for Electrical Installations), and all other applicable state and local electrical code requirements.
- PV INSTALLER shall be fully responsible for all connections between Schletter's bonded PvMax system and PV grounding electrode system.
- Equipment grounding conductors shall be no less than 14AWG (copper) or 12AWG (aluminum).
- · Equipment grounding conductors can be connected to any exposed metallic portion of rack system provided that:
 - a. connection area is sufficiently sized
 - b. dissimilar metals are not in direct contact
 - c. connection does not interfere with other components
 - d. connection is protected from damage

TORQUE SPECIFICATIONS AND TOLERANCES

Systems are specifically designed for each project. Please reference the specific project drawing for allowable tolerances and recommended torque for each size of bolt used in the system.

In the event of deviation from approved drawings, contact Schletter immediately.

Torx Bolt for Rapid16 Module Clamps	15 N-M	10.5 FT-LBS
M6 and 1/4" Bolt	6 N-M	4.5 FT-LBS
M8 and 5/16" Bolt	14 N-M	10.5 FT-LBS
M10 and 3/8" Bolt	30 N-M	23 FT-LBS
M12 and 1/2" Bolt	50 N-M	37 FT-LBS
M16 and 5/8" Bolt	121 N-M	89 FT-LBS
M20 and 3/4" Bolt	244 N-M	180 FT-LBS
Note: Recommended speed for installation of self-drilling 1/4" diameter is 1200-1800 RPMS.		

 6 Schletter recommends two bonding jumpers to connect separate systems for redundancy.



MAINTENANCE

- Yearly inspection of system should be conducted to maintain optimal performance.
- Visually inspect for signs of damage, wear, corrosion, or movement. Replace any affected components immediately.
- Check for loose wiring.
- Maintenance should only be performed by qualified personnel.
- · Check mechanical details of structure:
 - At least 2% of bolted connections must be checked using a calibrated torque wrench. The torque wrench must have a display or be a click type torque wrench.
 - · Torque wrench should be set at 50% of intended tightening torque. Check is successful if bolt cannot be loosened.
 - If >10% of checked bolted connections are loose, check has to be increased to 10% of all bolted connections.
 - If more than 10% of connections are still loose, all bolted connections much be checked.
 - Tighten all non-conforming bolts to specified torques
 - Requirements per ASME B107 and AISC

WARNING: Risk of death by electric shock. **AVERTISSEMENT:** Danger de mort par secousse electrique.

SAFETY PRECATIONS

Follow proper installation and safety procedures at all times. Edges of parts may be sharp. Follow proper lifting procedures.

FOR MORE INFORMATION

For United States, visit <u>www.schletter.us</u> or call 888-608-0234 or for Canada, visit <u>www.schletter.ca</u> or call 519-946-3800 to speak to a Schletter representative for more information.

Torx" is a registered trademark of the Camcar Corp. division of Textron Industries.

MANUFACTURER	M O D E L NUMBERS
Boviet Solar	BVM6612
Canadian Solar	CS6X-P-FG CS6V-M CS6U-P CS6U-M CS6U-P CS6U-M CS6U CS6P-P-SD CS6P-P CS6P-M CS6K-P-FG CS6K-P CS6K-MAB CS6K-M CS6K CS5A-M CS3W-PB-AG CS3W-P CS3W-MS CS3W-B-AG CS3W-B-AG CS3U-P CS3U-MS CS3U-P CS3U-MS CS3U-P CS3U-MS CS3L-P CS3L-MS CS3K-P CS3K-MS CS3K-MS CS3K-MS CS3K-MS CS3K-MS CS3K-MS CS1U-MS CS1U-MS CS1U-MS CS1U-MS CS1L-MS
ET Solar	ET-M660 290 285 280 275 270 WW WB ET-M672 340 335 330 325 320 BB ET-M672 345 340 335 330 325 WW WB ET-P660 265 260 255 250 BB ET-P660 270 265 260 255 WW WB ET-P672 315 310 305 300 BB ET-P672 320 315 310 305 WW WB
Hanwha Q Cells	L-G2 L-G3 L-G4 Q.PEAK DUO BLK-G5 Q.Peak DUO BLK-G6 Q.Peak DUO G6 Q.Peak DUO LG6 Q.Peak DUO LG6 Q.PEAK DUO-G5.X Q.PEAK DUO-G5 B.LINE PRO L G4.1 B.LINE PRO L G4.2 B.LINE PRO L G4.2 B.LINE PRO L G4.1 B.LINE PRO L G4.1 B.LINE PRO L G4.2

Hanwha Q Cells (continued)

Q.PEAK BLK G4.1/TAA Q.PEAK L G4.2 / 4.5 Q.PEAK-G4.1 | G4.1 / MAX Q.PLUS BFR G4.1/ TAA or MAX Q.PLUS G4 Q.PLUS L G4.1 | G4.2 Q.PRO BFR G4|G4.1|G4.3|G4.4 Q.PRO G4 Q.PRO L G4.1 Q.PRO L G4.2 Q.PRO L G4.5 Q.PEAK DUO BLK-G5/SC Q.PEAK DUO BLK-G6+ Q.PEAK DUO BLK-G6+ /TS Q.PEAK DUO BLK-G6+/AC Q.PEAK DUO BLK-G6+/SC Q.PEAK DUO BLK-G7 Q.PEAK DUO BLK-G8 Q.PEAK DUO BLK-G8+ Q.PEAK DUO G6+/AC O.PEAK DUO 1-G5 Q.PEAK DUO L-G5.1 Q.PEAK DUO L-G5.2 Q.PEAK DUO L-G5.3 Q.PEAK DUO L-G6 Q.PEAK DUO L-G6.1 Q.PEAK DUO L-G6.2 Q.PEAK DUO L-G6.3 Q.PEAK DUO L-G6.4 Q.PEAK DUO L-G6.5 Q.PEAK DUO L-G6.6 Q.PEAK DUO L-G6.7 Q.PEAK DUO L-G7 Q.PEAK DUO L-G7.1 Q.PEAK DUO L-G7.2 Q.PEAK DUO L-G7.3 Q.PEAK DUO L-G7.4 Q.PEAK DUO L-G7.5 Q.PEAK DUO L-G7.6 Q.PEAK DUO L-G7.7 Q.PEAK DUO L-G8 Q.PEAK DUO L-G8.1 Q.PEAK DUO L-G8.2 Q.PEAK DUO L-G8.3 Q.PEAK DUO L-G8.3/BFF Q.PEAK DUO L-G8.3/BFG Q.PEAK DUO ML BLK-G9 Q.PEAK DUO ML BLK-G9+ Q.PEAK DUO ML-G9 Q.PEAK DUO ML-G9+ Q.PEAK DUO XL-G9 Q.PEAK DUO XL-G9.1 Q.PEAK DUO XL-G9.2 Q.PEAK DUO XL-G9.3 Q.PEAK DUO-G5 Q.PEAK DUO-G5/SC Q.PEAK DUO-G6 Q.PEAK DUO-G6/SC Q.PEAK DUO-G6+ Q.PEAK DUO-G6+/SC Q.PEAK DUO-G7 Q.PEAK DUO-G8 Q.PEAK DUO-G8+ Q.PLUS DUO L-G5 Q.PLUS DUO L-G5.1 Q.PLUS DUO L-G5.2 Q.PLUS DUO L-G5.3 B10B68:B138

Heliene	Heliene 36 60 72 96M Heliene 36 60 72 96P Heliene MAX HOMEPV Black 350 Heliene MAX Series 430 Helien 72 M G1
Hyundai Solar	HiS-M250 255 260 265RG HiS- M310 315 320 325TI HiS- S265 270 275RG HiS-S330 335 340 345 350TI
Jinko Solar	Eagle 60 72 Eagle Black 60 72 Eagle MX JK07A JK07B Eagle PERC JKM265PP-60 JKM270P-60-V JKM275P-60 JKM275PP-60-V JKM320P-72-V JKM330P-72 JKM330P-72 JKM390/395/400/405/410M-72HL-V JKMxxM-60HBL JKMxxxM-72HL-TV JKMxxxM-7RL3-TV JKMxxxM-7RL3-V
Kyocera	KD260 265GX-LFB2 KU260 265 270-6MCA KU260-6MCA KU315 320-7ZPA
LG	LGxxxN1C-A5 LGxxxN1K-G4 LGxxxN1W-G4 LGxxxN2C-B3 LGxxxN2W-A5 LGxxxN2W-B3 LGxxxS1C-A5 LGxxxS1C-G4 LGxxxS1W-G4 LGxxxS2W-A5 LGxxxN2T-A5 LGxxxN2T-V5 LGxxxN2T-V5 LGxxxN2T-V5 LGxxxQ1C-V5 LGxxxQ1C-V5 LGxxxX1C-V5 LGxxxX1C-V5 LGxxxN1C-V5 LGxxxN1C-V5 LGxxxN1C-V5 LGxxxN1C-V5 LGxxxN1C-V5 LGxxxN1C-N5 LGxxxN1C-N5 LGxxxN1C-N5 LGxxxN1C-A6 LGxxxN1C-A6 LGxxxX1K-A6 LGxxxQ1K-A6 LGxxxQ1K-A6 LGxxxQ1K-A6 LGxxxN2W-L5 LGxxxN2W-L5 LGxxxN2W-E6 LGxxxN2W-E6 LGxxxN2W-E6

LGxxxN2T-L5



Longi	LR6-60PE 300-320M LR6-60HPH xxx M LR6-72BP 355-375M LR6-72HPH xxx M LR6-72PH xxx M LR4-72HBD 415-435M LR4-72HBD 420-440M LR4-72HBD xxx M LR4-60HBD xxx M LR4-60HBD xxx M LR4-60HPH/HIH xxx M LR4-60HPH/HIH xxx M
Philadelphia Solar	PS-M60 PS-M60(BF) PS-M72 PS-M72(BF) PS-P60 PS-P72
Phono Solar	PS xxx P-20/U PS xxx PH-20/U PS xxx M-20/UH PS xxx MH-20/UH
REC Solar	PEAK Energy Series REC245 250 255 260 265 270PE PEAK Energy BLK2 Series REC245 250 255 260PE BLK2 TWINPEAK SERIES REC265 270 275 280 285TP PEAK Energy 72 Series REC300 295 - 315PE TWINPEAK REC330 335 340TP72 TWINPEAK 2 BLK2 SERIES RECxxxTP2 BLK2 TWINPEAK 2 SERIES TWINPEAK 2 SERIES TWINPEAK 2S 72 Series RECxxxTP2S 72 REC Alpha - RECxxxAA REC Alpha 72 - RECxxxAA 72 REC Alpha Black - RECxxx Black REC N-Peak-RECxxxNP REC N-Peak-RECxxxNP REC TP25M72-RECxxxTP25M72 Twin Peak 3M - RECxxxTP3M Twin Peak 3M - RECxxxTP3M Black
Risen	RSM60-6-270M-290M/5BB
Solaria	PowerXT-400R-PM PowerXT-400R-PM-AC
SolarWorld	Sunmodule Plus SW 275-290 MONO BLACK Sunmodule Plus SW 280-290 MONO BLACK (5-busbar) Sunmodule Plus SW 280-295 MONO Sunmodule Plus SW 285-300 MONO (5-busbar) Sunmodule Pro-Series SW 260 POLY WOB Sunmodule Protect SW 275-280 MONO BLACK Sunmodule SW 100 POLY RGP Sunmodule SW 150 MONO R6A Sunmodule SW 150 POLY R6A Sunmodule SW 320-325 340-350 XL MONO Sunmodule SW 80 MONO RHA

SUNPOWER	SPR-X21-xxx-COM
Suntech	STPxxxS – A60U/Wfhb STPxxxS - A72U/Vfh STPxxxS - A72U/Vnh STPxxxS-24/Vfw
Talesun	FEATHER 2.0 TP660P Hipro M295+ TP660M Hipro M350+ TP672M PID ZERO TP672M TD660M TD660P TP660 672M TP660 672P TP660 672P(H)
Trina	TSM-xxx PA05.08 TSM- DE14A TSM-DD14A TSM-PD05 TSM-PD05.05 TSM-PD05.08 TSM-xxx DD05A.05(II) TSM-xxx PD05.08 TSM- xxx PD05.10 TSM-PD14 TSM-PE14 TSM-PE14 TSM-PE614 TSM-PE614 TSM-PE65.07 TSM-DD06M.05(II) TSM- DE06H TSM-DE15H TSM-DE15M TSM-DE15M TSM-DE15M TSM-DE15M TSM-DE15M DEG15M.20(II) TSM- PE06H TSM-PE06H TSM-PE06H



WattPower Glacier Series G3

WP-xxxM/G3-60H-V (325|330|335|340PC)

YL260P|255P|250P|245P|240P-29b YL275P| Yingli Green Energy

> 270P|265P|260P|255P|250P-29b YL290D| 285D|280D|275D|270D-30b YL300C|295C| 290C|285C|280C|275C-30b YL325P|320P|315P|

310P|305P|300P-35b YL340D|335D|330D|

325D|320D|315D-36b

ZNShine

ZXM6-60-xxx_M

ZXM6-H120-xxx_M

ZXM6-H144-xxx_M

ZXM6-HLD120-xxx M

ZXM6-HLD144-xxx_M ZXM6-HLDD144-xxx_M

ZXM6-LD60-xxx_M

ZXM6-LD72-xxx_M

ZXM6-LDD72-xxx_M

ZXM6-NH120-xxx M

ZXM6-NH144-xxx_M

ZXM6-NHLD120-xxx_M

ZXM6-NHLD144-xxx_M

ZXM6-NHLDD120-xxx_M

ZXM6-NHLDD144-xxx_M

ZXP6-72-xxx_P

ZXP6-H144-xxx_P ZXP6-HLD120-xxx P

ZXP6-HLD144-xxx_P

ZXP6-LD72-xxx_P

