



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

15-004105

I. IDENTIFICATION

1. Proposed Work Site at: 1749 FORGE Pond Rd

2. Name of Owner in Fee: Andrew Novak

Tel. [REDACTED] e-mail _____

Address 1749 FORGE Pond Rd Brick Top 08724
street municipality zip code

3. Ownership in Fee: Public _____ Private 7.80

4. Principal Contractor: Shurrun Installation Serv Tel. (848) 702-2164
Address 26 Worlds Fair Dr e-mail joan.cometto@
Somerset NJ 08873 shurrun.com

License No. OR, if new home, Builder Reg. No. 13VH05100500 Exp. Date 3/31/16

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 97-04-11407 FAX: (732) 356-8398

5. Architect or Engineer Shurrunway Contact _____
Address _____ e-mail _____
Tel. (619) 727-2993 FAX: ()

6. Responsible Person in Charge once Work has Begun Joan Cometto
Tel. (848) 702-2164 FAX: (732) 356-8398

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>1250</u>		
2. Electrical	\$ <u>2700</u>		
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$		
9. State Permit Surcharge Fee	\$ <u>24</u>		
10. Subtotal	\$		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ <u>419</u>		

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories _____

2. Height of Structure _____ ft.

3. Area — Largest Floor _____ sq. ft.

4. New Building Area _____ sq. ft.

5. Volume of New Structure _____ cu. ft.

6. Max. Live Load _____

7. Max. Occupancy Load _____

8. If Industrialized Building: State Approved _____ HUD _____

9. Total Land Area Disturbed _____ sq. ft.

10. Flood Hazard Zone _____

11. Base Flood Elevation _____ ft.

12. Wetlands yes _____ no _____

IIa. PROPOSED WORK

- ☐ Minor Work ☐ New Building ☐ Addition ☐ Demolition
- ☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction
- ☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

- ☒ Building
- ☒ Electrical
- ☐ Plumbing
- ☐ Fire Protection
- ☐ Elevator

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
<u>2520</u>	<u>maurice</u>			<u>09/14/15</u>	<u>Kell</u>			
<u>10020</u>				<u>8/21/15</u>	<u>to</u>			

TOTAL COST 12,540

Eng exempt 8/14/15 Ece

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____
4. No. of dwelling units: Total Units Income-restricted
- Gained, Sale _____
- Gained, Rental _____
- Lost, Sale _____
- Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____

C. MIXED USE -List secondary use(s): _____

- D. Construct. Classification: Present
- Proposed _____

III. PLAN REVIEW (optional)

DO YOU WANT:

1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/ Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPG Gas Tanks
12. ☐ Fire Alarm



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 11/2/2015
Control Number C-15-004105
Permit Number 15-3167
Permit Issue Date 9/22/2015
Certificate Number 15-3167

Certificate

Construction Code Division

(Certificate of Approval)

Identification

Work Site Location: 1749 FORGE POND RD. Brick Township, NJ Block: 849 Lot: 3 Qual: _____
Owner in Fee: NOVAK, ANDREW
Owner Address: 1749 FORGE POND RD. BRICK NJ 08724
Telephone: [REDACTED]
Contractor Sunrun Installation Services
Address 26 Worlds Fair Dr. Unit K Somerset NJ 08873
Telephone: (848) 702-2164 Fax: (732) 356-8398
License Number or Builders Registration Number: 34E101574500 Federal Emp. Number: _____

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Use Group: R-5 Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: SOLAR PANELS ...INSTALL 7.80 kw ROOF MOUNT PHOTOVOLTAIC SOLAR SYSTEM

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJACS:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

Construction Official

Fee: \$0.00

Check Number: _____

Collected By: _____

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☐ Check if contractor.

Agent Name Plenum Installation Serv

Address 26 World Fair Dr

Somerset NJ 08873

Telephone 848-702-2164

Signature Don Cometto

- III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.

- IV. ☐ HOME ELEVATION: Include Home Elevation Contractor Certification as per N.J.S.A. 52:27D-123.16.

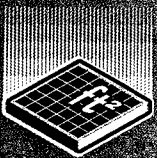
ENERGIZING LIFE TOGETHER



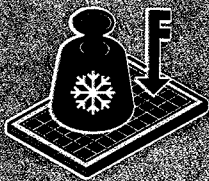
HIGH PERFORMANCE
SOLAR MODULES

REC PEAK ENERGY BLK SERIES

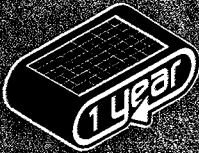
REC Peak Energy BLK Series modules are the perfect choice for building solar systems that combine long-lasting product quality with reliable power output. REC combines high quality design and manufacturing standards to produce high performance solar modules with uncompromising quality.



MORE POWER
PERFT



ROBUST AND
DURABLE DESIGN



ENERGY PAYBACK
TIME OF ONE YEAR



US PRODUCED
SILICON

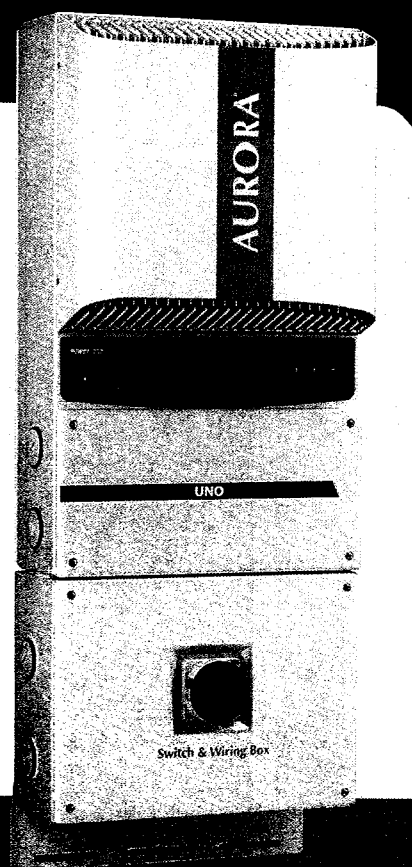
power one

AURORA UNO

The most common residential inverter is the ideal size for an average-sized family home. This family of single-phase string inverter complements the typical number of rooftop solar panels, allowing home-owners to get the most efficient energy harvesting for the size of the property. This rugged outdoor inverter has been designed as a completely sealed unit to withstand the harshest environmental conditions.

One of the key benefits of the Uno family of single-phase inverters is the dual input section to process two strings with independent MPPT especially useful for rooftop installations with two different orientations (ie East and West). The high speed MPPT offers real-time power tracking and improved energy harvesting.

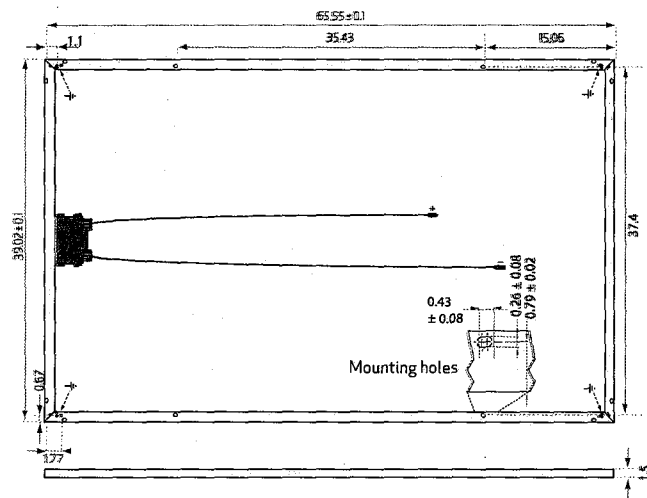
The transformerless operation gives the highest efficiency of up to 97.0%. The wide input voltage range makes the inverter suitable to low power installations with reduced string size.



Features

- Each inverter is set on specific grid codes which can be selected in the field
- Single phase output
- Dual input sections with independent MPPT, allows optimal energy harvesting from two sub-arrays oriented in different directions
- Wide input range
- High speed and precise MPPT algorithm for real time power tracking and improved energy harvesting
- Flat efficiency curves ensure high efficiency at all output levels ensuring consistent and stable performance across the entire input voltage and output power range
- Outdoor NEMA 4X rated enclosure for unrestricted use under any environmental conditions
- Integrated DC disconnect switch in compliance with international Standards (-S Version)
- RS-485 communication interface (for connection to laptop or datalogger)
- Compatible with PVI-RADIOMODULE for wireless communication with Aurora PVI-DESKTOP
- Integrated Arc Fault Detection and Interruption (-A Version)

REC PEAK ENERGY BLK SERIES



ELECTRICAL DATA @ STC

	REC235PE BLK	REC240PE BLK	REC245PE BLK	REC250PE BLK	REC255PE BLK	REC260PE BLK
Nominal Power - P_{MPP} (Wp)	235	240	245	250	255	260
Watt Class Sorting - (W)	0/+5	0/+5	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - V_{MPP} (V)	29.5	29.7	30.1	30.2	30.5	30.7
Nominal Power Current - I_{MPP} (A)	8.06	8.17	8.23	8.30	8.42	8.50
Open Circuit Voltage - V_{OC} (V)	36.6	36.8	37.1	37.4	37.6	37.8
Short Circuit Current - I_{SC} (A)	8.66	8.75	8.80	8.86	8.95	9.01
Module Efficiency (%)	14.2	14.5	14.8	15.1	15.5	15.8

Analysed data demonstrates that 99.7% of modules produced have current and voltage tolerance of $\pm 3\%$ from nominal values. Values at standard test conditions STC (airmass AM 1.5, irradiance 1000 W/m^2 , cell temperature 25°C). At low irradiance of 200 W/m^2 (AM 1.5 and cell temperature 25°C) at least 97% of the STC module efficiency will be achieved.

ELECTRICAL DATA @ NOCT

	REC235PE BLK	REC240PE BLK	REC245PE BLK	REC250PE BLK	REC255PE BLK	REC260PE BLK
Nominal Power - P_{MPP} (Wp)	179	183	187	189	193	197
Nominal Power Voltage - V_{MPP} (V)	27.5	27.7	28.1	28.3	28.5	29.0
Nominal Power Current - I_{MPP} (A)	6.51	6.58	6.64	6.68	6.77	6.81
Open Circuit Voltage - V_{OC} (V)	34.2	34.4	34.7	35.0	35.3	35.7
Short Circuit Current - I_{SC} (A)	6.96	7.03	7.08	7.12	7.21	7.24

Nominal cell operating temperature NOCT (800 W/m^2 , AM 1.5, windspeed 1 m/s , ambient temperature 20°C).

CERTIFICATION



UL 1703, IEC 62716 (ammonia resistance) & IEC 61701 (salt mist corrosion - severity level 6).

WARRANTY

10 year product warranty.
25 year linear power output warranty
(max. degradation in performance of $0.7\% \text{ p.a.}$).

15.8% EFFICIENCY

10 YEAR PRODUCT WARRANTY

25 YEAR LINEAR POWER OUTPUT WARRANTY

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45.7°C (114°F)
Temperature Coefficient of P_{MPP}	$-0.41 \text{ W/}^\circ\text{C}$
Temperature Coefficient of V_{OC}	$-0.27 \text{ V/}^\circ\text{C}$
Temperature Coefficient of I_{SC}	$0.02 \text{ A/}^\circ\text{C}$

GENERAL DATA

Cell Type	60 REC PER multi-crystalline 3 String of 20 cells
Glass	1/8" mm Solar glass, anti-reflection and heat treatment
Back Sheet	Double layer highly resistant polyester
Frame	Anodized aluminum (black)
Junction Box	IP67 rated Type III diodes 4mm ² solar cable 30' $\times$ 17'
	Hosiden 4mm ² connectors - MC4 compatible

MAXIMUM RATINGS

Operational Temperature	-40 to 85°C
Maximum System Voltage	600V
Design Load	75 lbs/ft^2 (3601 Pa) 134 lbs/ft^2 (6001 Pa) Refer to installer's manual
Max Series Fuse Rating	15 A
Max Reverse Current	15 A

MECHANICAL DATA

Dimensions	65.55 x 35.43 x 1.1 in
Area	2.27 m ²
Weight	30.7 lbs

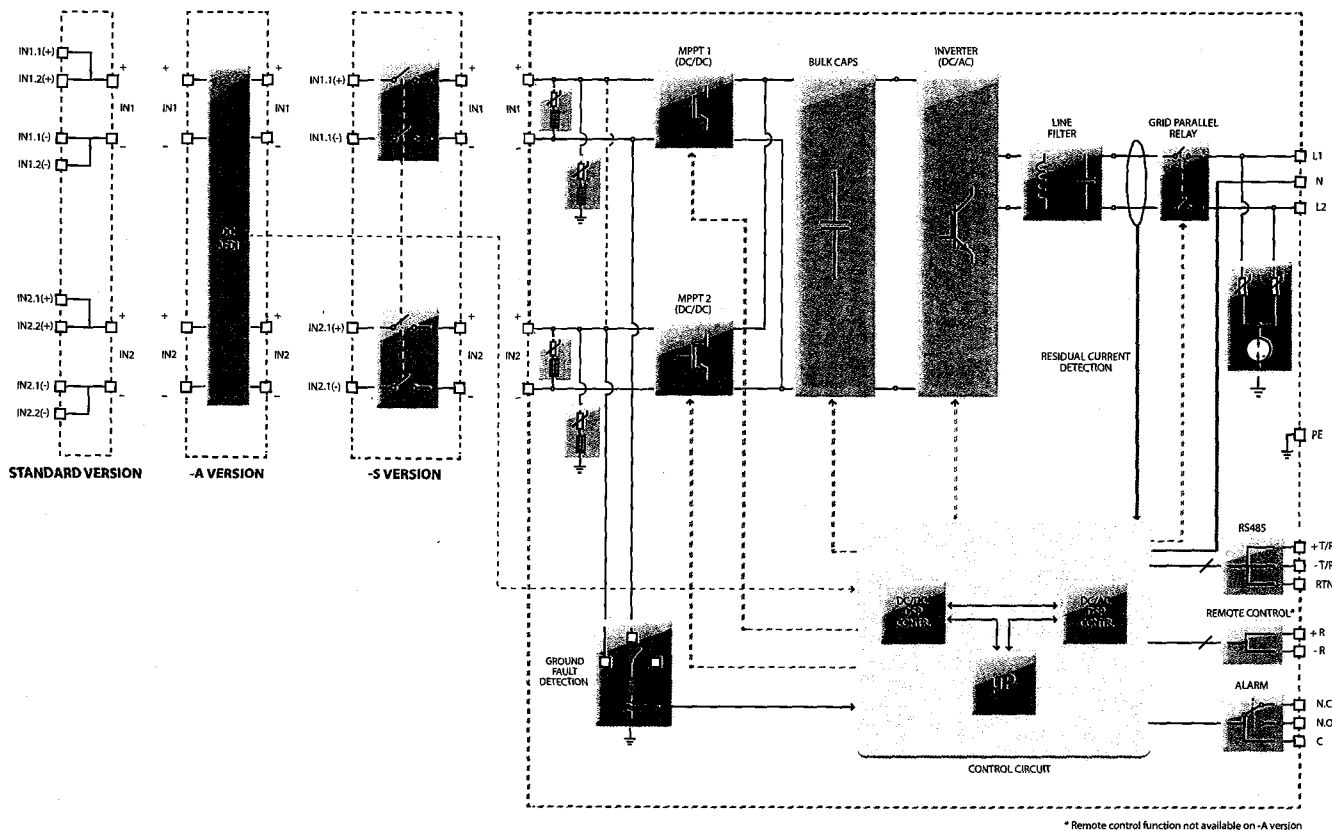
Note: Specifications subject to change without notice.

REC is a leading global provider of solar electricity solutions. With nearly two decades of expertise, we offer sustainable, high-performing products, services and investment opportunities for the solar and electronics industries. Together with our partners, we create value by providing solutions that better meet the world's growing electricity needs. Our 2,400 employees worldwide generated revenues of more than NOK 13 billion in 2011, approximately USD 2.4 billion. To see more of what REC can offer, visit www.recgroup.com



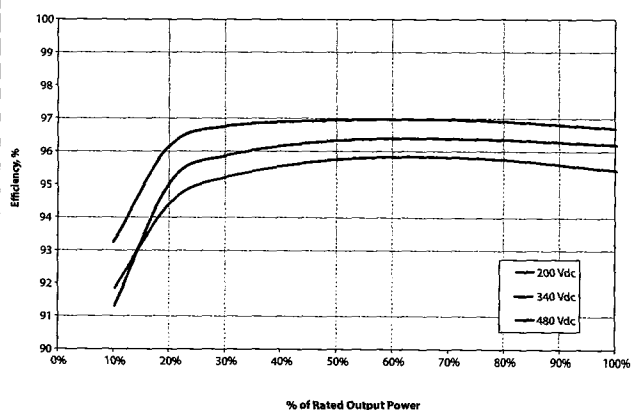
www.recgroup.com

BLOCK DIAGRAM OF PVI-3.0-OUTD, PVI-3.6-OUTD , PVI-3.8-OUTD AND PVI-4.2-OUTD FOR NORTH AMERICA

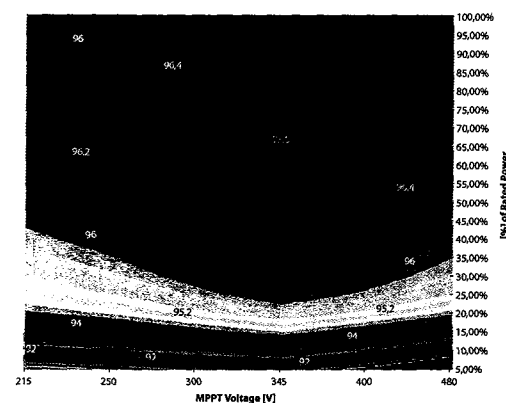


Block Diagram and Efficiency Curves

PVI-4.2-OUTD-US



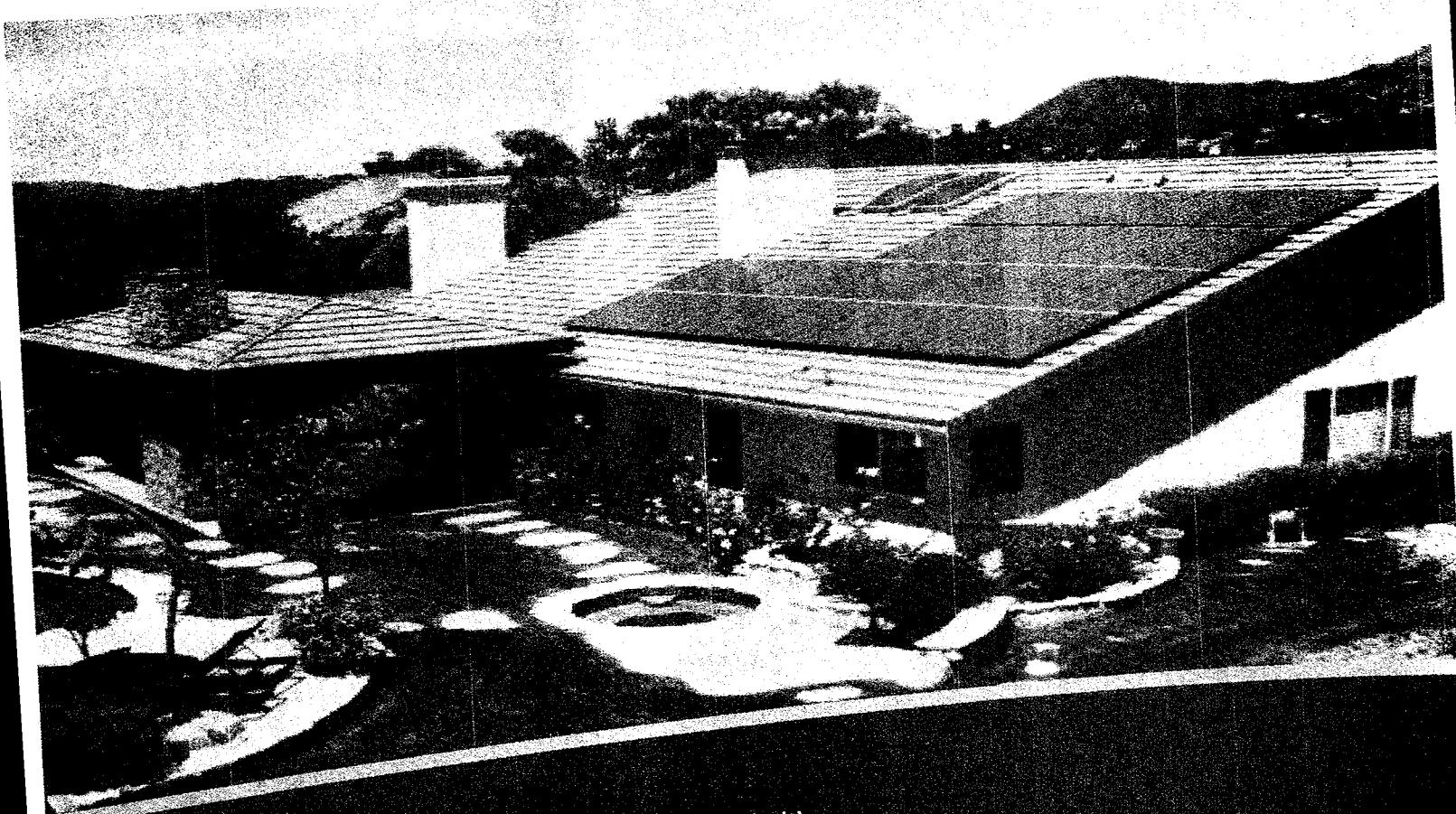
PVI-4.2-OUTD-US



TECHNICAL DATA	VALUES	PVI-3.0-OUTD-US			PVI-3.6-OUTD-US			PVI-3.8-OUTD-US			PVI-4.2-OUTD-US					
Nominal Output Power	W	3000			3600			3300			3800			4200		
Maximum Output Power	W	3000	3300²	3300²	3600	4000²	4000²	3300	4200²	4200²	4200	4600²	4600²			
Rated Grid AC Voltage	V	208	240	277	208	240	277	208	240	277	208	240	277			
Input Side (DC)																
Number of Independent MPPT Channels		2			2			2			2					
Maximum Usable Power for Each Channel	W	2000			3000			3000			3000					
Absolute Maximum Voltage (Vmax)	V	600														
Start- Up Voltage (Vstart)	V	200 (adj. 120-350)														
Full Power MPPT Voltage Range	V	160-530			120-530			140-530			140-530					
Operating MPPT Voltage Range	V	0.7xVstart-580 (>= 90V)														
Maximum Current (Idcmax) for both MPPT in Parallel	A	20			32			32			32					
Maximum Usable Current per Channel	A	10			16			16			16					
Maximum Short Circuit Current Limit per Channel	A	12.5			20.0			20.0			20.0					
Number of Wire Landing Terminals Per Channel		2 pairs														
Array Wiring Termination		Terminal block, Pressure Clamp, AWG10-AWG4														
Output Side (AC)																
Grid Connection Type		1Ø/2W	Split-Ø/3W	1Ø/2W	1Ø/2W	Split-Ø/3W	1Ø/2W	1Ø/2W	Split-Ø/3W	1Ø/2W	1Ø/2W	Split-Ø/3W	1Ø/2W			
AdjustableVoltage Range (Vmin-Vmax)	V	183-228	211-264	244-304	183-228	211-264	244-304	183-228	211-264	244-304	183-228	211-264	244-304			
Grid Frequency	Hz	60														
Adjustable Grid Frequency Range	Hz	57-60.5														
Maximum Current (Iacmax)	A _{RMS}	14.5	14.5	12.0	17.2	16.0	16.0	16.0	16.0	16.0	16.0	20.0	20.0	20.0		
Power Factor		> 0.995														
Total Harmonic Distortion At Rated Power	%	< 2														
Grid Wiring Termination Type		Terminal block, Pressure Clamp AWG10 - AWG4														
Protection Devices																
Input																
Reverse Polarity Protection		Yes														
Over-Voltage Protection Type		Varistor, 2 for each channel														
PV Array Ground Fault Detection		Pre start-up Riso and dynamic GFDI (Requires Floating Arrays)														
Output																
Anti-Islanding Protection		Meets UL 1741/IEE1547 requirements														
External AC OCPD Rating	A _{RMS}	20	20	15	25	20	20	20	20	20	25	25	25			
Over-Voltage Protection Type		Varistor, 2 (L ₁ - L ₂ / L ₁ - G)														
Efficiency																
Maximum Efficiency	%	96.9			97			97			97					
CEC Efficiency	%	96														
Operating Performance																
Night Time Consumption	W _{RMS}	< 0.6														
Stand By Consumption	W _{RMS}	< 8														
Communication																
User-Interface		16 characters x 2 lines LCD display														
Remote Monitoring (1xRS485 incl.)		AURORA-UNIVERSAL (opt.)														
Wired Local Monitoring (1xRS485 incl.)		PVI-USB-RS485_232 (opt.), PVI-DESKTOP (opt.)														
Wireless Local Monitoring		PVI-DESKTOP (opt.) with PVI-RADIOMODULE (opt.)														
Environmental																
Ambient Air Operating Temperature Range	°F (°C)	-13 to +140 (-25 to +60) with derating above 122 (50)														
Ambient Air Storage Temperature Range	°F (°C)	-40 to 176 (-40 to +80)														
Relative Humidity	% RH	0-100 condensing														
Acoustic Noise Emission Level	db (A) @1m	< 50														
Maximum Operating Altitude without Derating	ft(m)	6560 (2000)														
Mechanical Specifications																
Enclosure rating		NEMA 4X														
Cooling		Natural Convection														
Dimensions (H x W x D)	in (mm)	33.8 x 12.8 x 8.7 (859 x 325 x 222)														
Weight	lb (kg)	< 47.3 (21.3)														
Shipping Weight	lb (kg)	< 60 (27.0)														
Mounting System		Wall bracket														
Conduit Connections³		Trade size KOs: (2ea x 1/2") and (2ea x 1-1/4", 3 places side, front, rear) Side: (2) plugged 3/4" openings, (2) Concentric EKO's 3/4", 1" Back: (4) Concentric EKO's 3/4", 1" 25 / 600														
DC Switch Rating-(Per Contact)	A/V															
Safety																
Isolation Level		Transformerless (Floating Array)														
Safety and EMC Standard		UL 1741, IEE1547, IEE1547.1, CSA - C22.2 N. 107.1-01, UL1998 UL1699B, FCC Part 15 Class B														
Safety Approval		cCSA _{us}														
Warranty																
Standard Warranty	years	10														
Extended Warranty	years	15 & 20														
Available Models																
Standard - Without DC Swtich and Wiring Box		PVI-3.0-OUTD-US			PVI-3.6-OUTD-US			PVI-3.8-OUTD-US			PVI-4.2-OUTD-US					
Standard - With DC Switch and Wiring Box		PVI-3.0-OUTD-S-US			PVI-3.6-OUTD-S-US			PVI-3.8-OUTD-S-US			PVI-4.2-OUTD-S-US					
With DC Switch, Wiring box and Arc Fault Detector and Interrupter		PVI-3.0-OUTD-S-US-A			PVI-3.6-OUTD-S-US-A			PVI-3.8-OUTD-S-US-A			PVI-4.2-OUTD-S-US-A					

SnapNrack™
PV Mounting Systems

UL LISTED
PV Mounting System
2703



SERIES 100 UL ROOF MOUNT SYSTEM

SnapNrack Residential PV Mounting Systems
Code Compliant Installation Manual

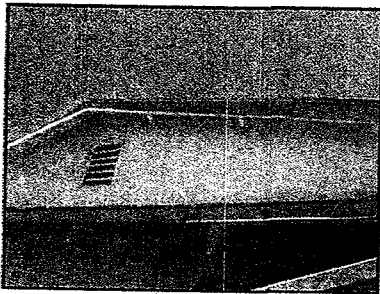


www.power-one.com

Power-One Renewable Energy Worldwide Sales Offices

<u>Country</u>	<u>Name/Region</u>	<u>Telephone</u>	<u>Email</u>
Australia	Asia Pacific	+61 2 9735 3111	sales.australia@power-one.com
China (Shenzhen)	Asia Pacific	+86 755 2988 5888	sales.china@power-one.com
China (Shanghai)	Asia Pacific	+86 21 5505 6907	sales.china@power-one.com
India	Asia Pacific	+65 6896 3363	sales.india@power-one.com
Japan	Asia Pacific	03-4580-2714 / +81-3-4580-2714	sales.japan@power-one.com
Singapore	Asia Pacific	+65 6896 3363	sales.singapore@power-one.com
Belgium / The Netherlands / Luxembourg	Europe	+32 2 206 0338	sales.belgium@power-one.com
France	Europe	+33 (0) 141 796 140	sales.france@power-one.com
Germany	Europe	+49 7641 955 2020	sales.germany@power-one.com
Greece	Europe	00 800 00287672	sales.greece@power-one.com
Italy	Europe	00 800 00287672	sales.italy@power-one.com
Spain	Europe	+34 91 879 88 54	sales.spain@power-one.com
United Kingdom	Europe	+44 1903 823 323	sales.uk@power-one.com
Dubai	Middle East	+971 50 100 4142	sales.dubai@power-one.com
Israel	Middle East	+972 0 3 544 8884	sales.israel@power-one.com
Canada	North America	+1 877 261 1374	sales.canada@power-one.com
USA East	North America	+1 877 261 1374	sales.usaeast@power-one.com
USA Central	North America	+1 877 261 1374	sales.usacentral@power-one.com
USA West	North America	+1 877 261 1374	sales.usawest@power-one.com

1) Locate the rafter



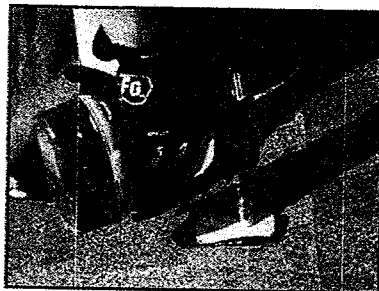
2) Drill the pilot hole



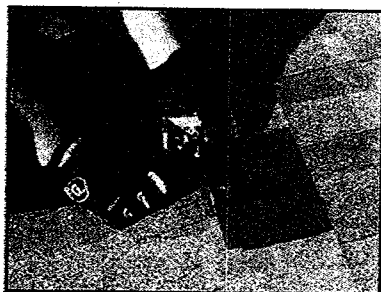
3) Prep the base



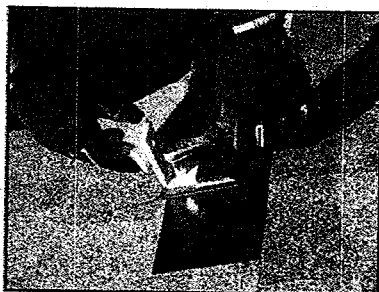
4) Attach base



5) Set the flashing



6) Attach L-Foot



Series 100 UL Flashed L-Foot

Step-by-Step Instructions

1) Locate the rafter underneath the decking of the roof by looking underneath the eaves or in the attic.

2) Drill a pilot hole through the roofing material into the rafter to ensure that the lag bolt will be located into a solid portion of the rafter. If the rafter is not found then seal the pilot hole immediately with roofing sealant.

3) Apply roofing sealant to the bottom of the base and directly onto the lag bolt to ensure a water tight seal.

4) Attach the L-foot base with a 5/16" lag bolt and a minimum embedment of 2 1/2" lag shank into the rafter. Tighten Lag bolt to seat with a hand wrench.

5) Slide the flashing underneath the row of shingles, directly above the installed standard base, and then line up the hole in the flashing with the threads on the base. It may be necessary to pry up shingles with a breaker bar.

6) Attach the L-foot to the threaded portion of the base that is protruding from the flashing. Then tighten the flange bolt over the threads to 10 - 16 ft-lbs. The L-foot can be attached in any orientation.

Notes

- Alternative 90° L Foot included in UL 2703 Listing
- SnapNrack engineered systems should only be used with SnapNrack components and hardware. Any alternate application may void the warranty and structural calculations could become invalid.

Warning

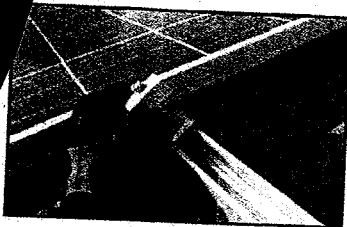
- If a pilot hole is drilled and a rafter is not found, immediately seal pilot hole with roofing sealant to avoid water damage.
- Do not over tighten hardware.
- Always wear fall protection and safety gear.

Design Tools

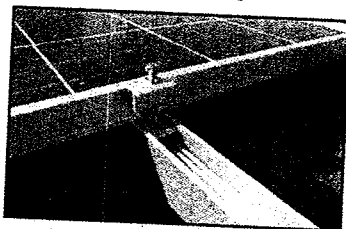
- SnapNrack has a suite of design tools to help configure your PV installation to be an accurate and fast install. Please visit us at: www.SnapNrack.com

SnapNrack Mid Clamp

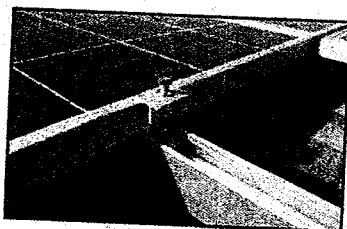
1) Snap into channel



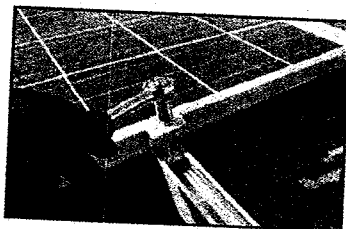
2) Set mid clamp



3) Set modules

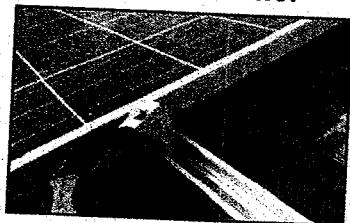


4) Tighten

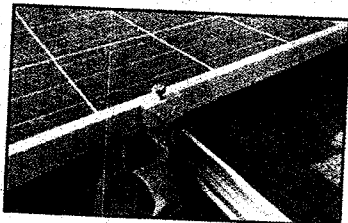


SnapNrack X Clamp

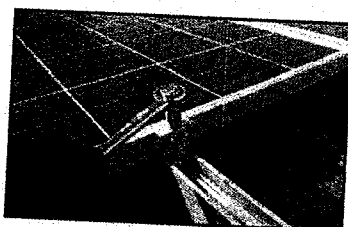
1) Snap into channel



2) Set on module



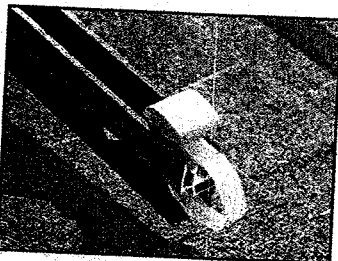
3) Tighten



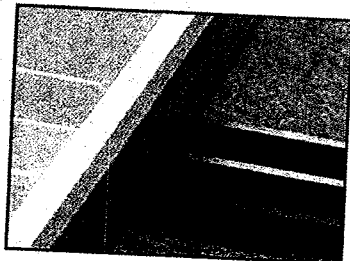
Torque:
Silver 10-16
ft-lbs. Black
8-10 ft-lbs.

SnapNrack Universal End Clamp

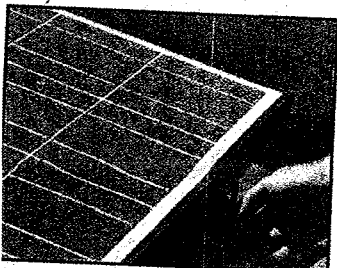
1) Set in rail



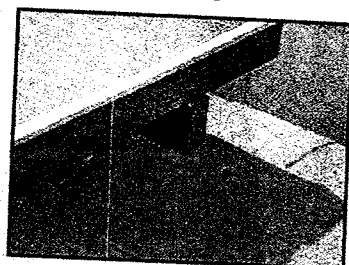
2) Place module



3) Pull tab forward



4) Set end cap



Series 100 UL Attaching Modules

Step-by-Step Instructions

SnapNrack Mid Clamp

- 1) Snap the preassembled SnapNrack mid clamp's channel nut into the top channel of the rail.
- 2) Slide the mid clamp flush to the module with the top lip of the mid clamp over the top edge of the module.
- 3) Place the next module flush to the other side of the mid clamp.
- 4) Tighten hardware, torque silver hardware to 10-16 ft-lbs and black hardware to 8-10 ft-lbs.

SnapNrack X Clamp

- 1) Snap the preassembled SnapNrack X clamp's channel nut into the top channel of the rail.
- 2) Slide the X clamp flush to the edge of the module with the lip of the top of the end clamp over the top of the module and lip of the bottom of the end clamp under the module.
- 3) Tighten hardware, torque silver hardware to 10-16 ft-lbs and black hardware to 8-10 ft-lbs.
- 4) Install rubber end cap to finish.

SnapNrack Universal End CLamp

- 1) Slide the preassembled universal end clamp into the end of the rail.
- 2) Lift the module and slide the universal end clamp under the module far enough to pass the lip of the bottom edge of the module.
- 3) Use the pull tab to pull the universal end clamp tight to the end of the rail.
- 4) Hold and tighten the universal end clamp to 10 - 16 ft-lbs. Then install rubber end cap to finish.

Notes

- REC Group Modules are listed with a minimum 4" clearance requirement under the modules.
- SnapNrack engineered systems should only be used with SnapNrack components and hardware. Any alternate application may void the warranty and structural calculations could become invalid.

Warning

- Do not over tighten hardware
- Always wear fall protection and safety gear

Design Tools

- SnapNrack has a suite of design tools to help configure your PV installation to be an accurate and fast install. Please visit us at: www.SnapNrack.com

Appendix

Series 100 UL has been tested with the following UL Listed modules:

REC Solar AS: REC214, REC215, REC220, REC225, REC230, REC235, REC240, REC245, REC250, REC255, REC260, REC265, REC270, all followed by PE, PE(BLK), PE-US, PE-US(BLK), PE Q2 or PEQ3.

Hyundai Heavy Industries Co Ltd:

HiS-MxxxMG Series - HiS-M210MG, HiS-M213MG, HiS-M215MG, HiS-M218MG, HiS-M220MG, HiS-M223MG, HiS-M225MG, HiS-M228MG, HiS-M230MG, HiS-M233MG, HiS-M235MG, HiS-M238MG, HiS-M240MG, HiS-M243MG, HiS-M245MG, HiS-M248MG, HiS-M250MG, HiS-M253MG, HiS-M255MG, HiS-M258MG, HiS-M260MG, HiS-M263MG, HiS-M265MG, HiS-M268MG, HiS-M270MG;

HiS-SxxxMG Series - HiS-S220MG, HiS-S223MG, HiS-S225MG, HiS-S228MG, HiS-S230MG, HiS-S233MG, HiS-S235MG, HiS-S238MG, HiS-S240MG, HiS-S243MG, HiS-S245MG, HiS-S248MG, HiS-S250MG, HiS-S253MG, HiS-S255MG, HiS-S258MG, HiS-S260MG, HiS-S263MG, HiS-S265MG, HiS-S268MG, HiS-S270MG, HiS-S273MG, HiS-S275MG; all may be followed by the suffix BK or blank.

Renesola Jiangsu Ltd: JCxxxM-24/BB Series - JC200M-24/Bb, JC205M-24/Bb, JC210M-24/Bb, JC215M-24/Bb, JC220M-24/Bb, JC225M-24/Bb, JC230M-24/Bb, JC235M-24/Bb, JC240M-24/Bb, JC245M-24/Bb, JC250M-24/Bb, JC255M-24/Bb, JC260M-24/Bb, JC265M-24/Bb, JC270M-24/Bb.

Suniva Inc - MVX-235-60-5-701, MVX-240-60-5-701, MVX-245-60-5-701, MVX-250-60-5-701, MVX-255-60-5-701, MVX-260-60-5-701, MVX-265-60-5-701;

MVX-235-60-5-7B1, MVX-240-60-5-7B1, MVX-245-60-5-7B1, MVX-250-60-5-7B1, MVX-255-60-5-7B1, MVX-260-60-5-7B1, MVX-265-60-5-7B1; OPT-250-60-4-800, OPT-255-60-4-800, OPT-260-60-4-800, OPT-265-60-4-800, OPT-270-60-4-800, OPT-275-60-4-800; OPT-250-60-4-8B0, OPT-255-60-4-8B0, OPT-260-60-4-8B0, OPT-265-60-4-8B0, OPT-270-60-4-8B0, OPT-275-60-4-8B0.

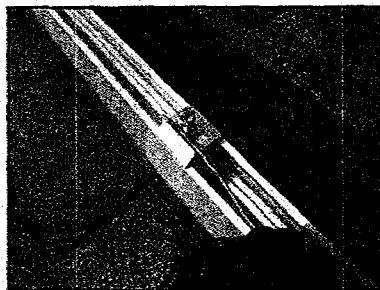
Yingli Energy (China) Co Ltd - YLXXXP-29b Series - YL215P-29b, YL220P-29b, YL225P-29b, YL230P-29b, YL235P-29b, YL240P-29b, YL245P-29b, YL250P-29b, YL255P-29b, YL260P-29b; YLXXXA-29b Series - YL220A-29b, YL225A-29b, YL230A-29b, YL235A-29b, YL240A-29b, YL245A-29b, YL250A-29b, YL255A-29b.

SnapNrack Bonding Lug

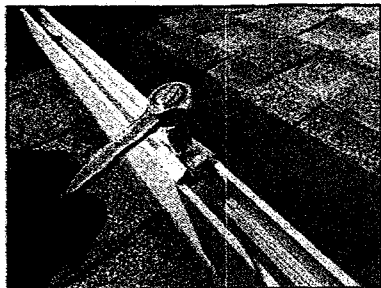
1) Snap in Bonding Lug



2) Attach grounding

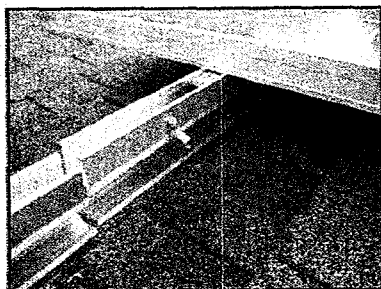


3) Tighten hardware

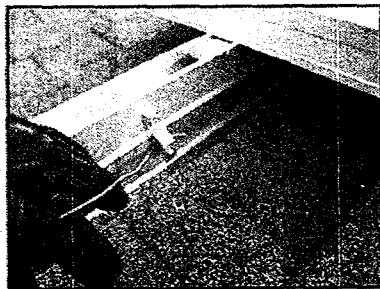


IlSCO Bonding Lug

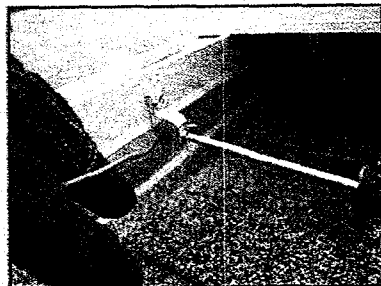
1) Drill & attach IlSCO Lug



2) Attach grounding



3) Tighten hardware



Series 100 UL System Ground

Step-by-Step Instructions

SnapNrack Bonding Lug

1) Snap in the SnapNrack Bonding Lug into the rail channel on **one rail per module row**.

2) Attach grounding conductor into slot and tighten bolt to 7 ft-lbs.

3) Tighten all hardware to a min of 10 ft-lbs.

IlSCO Bonding Lug

1) Using a 3/8" drill bit, drill a hole in the back side of the rail for the IlSCO lug to attach to and place the bolt through the hole and attach the lug assembly on **one rail per module row**.

2) Attach grounding conductor into slot and tighten bolt to 7 ft-lbs.

3) Tighten all hardware to a min of 10 ft-lbs.

Notes

- System has been evaluated to a maximum overcurrent device (OCD) protection level of 20 Amps.

- Universal End Clamp (UEC) does not bond module to rail, the UEC is bonded to the module frame. Be sure to separately ground any modules that only secured by UECs, especially during servicing.

- SnapNrack Bonding Lug Assembly: torque bolt to 16 ft-lbs. The bonding lug may be used in side or top slot. It may be rotated 90 degrees relative to slot to facilitate running copper across tops of rails.

- Grounding with a standard IlSCO GBL-4DBT Lug is a listed alternate and requires drilling of a hole in the rail.

- Hardware connection to rail: 5 ft-lbs. Torque for lug set screw: #10-#14 Copper- 20in-lb, #8-#14 Copper- 25in-lb, #4-#6 Copper- 35in-lb

- SnapNrack engineered systems should only be used with SnapNrack components and hardware. Any alternate application may void the warranty, UL 2703 Listing, and structural calculations could become invalid.

Trina Solar Ltd - TSM-215PA05, TSM-220PA05, TSM-225PA05, TSM-230PA05, TSM-235PA05, TSM-240PA05, TSM-245PA05, TSM-250PA05, TSM-255PA05, TSM-260PA05;

TSM-215PA05.05, TSM-220PA05.05, TSM-225PA05.05, TSM-230PA05.05, TSM-235PA05.05, TSM-240PA05.05, TSM-245PA05.05, TSM-250PA05.05, TSM-255PA05.05, TSM-260PA05.05;

TSM-215PA05.08, TSM-220PA05.08, TSM-225PA05.08, TSM-230PA05.08, TSM-235PA05.08, TSM-240PA05.08, TSM-245PA05.08, TSM-250PA05.08, TSM-255PA05.08, TSM-260PA05.08;

TSM-215PD05, TSM-220PD05, TSM-225PD05, TSM-230PD05, TSM-235PD05, TSM-240PD05, TSM-245PD05, TSM-250PD05, TSM-255PD05, TSM-260PD05;

TSM-215PD05.08, TSM-220PD05.08, TSM-225PD05.08, TSM-230PD05.08, TSM-235PD05.08, TSM-240PD05.08, TSM-245PD05.08, TSM-250PD05.08, TSM-255PD05.08, TSM-260PD05.08.

NRTL Listed PV Modules:

Hanwha SolarOne: Models HSL60P6-PB-2-230Q, HSL60P6-PB-2-235Q, HSL60P6-PB-2-240Q, HSL60P6-PB-2-245Q, HSL60P6-PB-2-250Q, HSL60P6-PB-2-255Q, HSL60P6-PB-2-260Q, HSL60P6-PB-2-265Q, HSL60P6-PB-2-270Q; HSL60P6-PB-4-230Q, HSL60P6-PB-4-235Q, HSL60P6-PB-4-240Q, HSL60P6-PB-4-245Q, HSL60P6-PB-4-250Q, HSL60P6-PB-4-255Q, HSL60P6-PB-4-260Q, HSL60P6-PB-4-265Q, HSL60P6-PB-4-270Q;

may be followed by additional suffixes.

Suniva Inc - OPTXXX-60-4-YYY;

where XXX may be numbers 240 to 270 in increments of 5;

where YYY may be 100;

OPTXXX-60-4-YYY;

where XXX may be numbers 235 to 265 in increments of 5;

where YYY may be 1B0.



BUILDING SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 849 Lot 3 Qualification Code _____
Work Site Location 1749 Forge Pond Rd

Owner Andersson, Dorot

Te _____ e-mail _____

Address 1749 Forge Pond Rd Brick Twp 08724

Contractor: Sumrun Installation Serv Sumrun, Inc Tel. (848) 702-2164 zip code _____
Address 200 Morris Fair Dr. e-mail joan.cometto@sumrun.com

Contractor License No. or Builder Registration No. 131405700500 Exp. Date 31.31.16

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
Federal Emp. ID No. 71-0471401 FAX: 732.352-8398

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Type	Failure	Dates (Month/Day)	Approval	Initial
☐ No Plans Required			☒ All	Footing				
☐ Footings/Foundations			☐ Structural/Framework	Foundation				
☐ Exterior			☐ Interior	Frame				
☐ Joint Plan Review Required:			☐ Truss Sys./Bracing	Barrier-Free				
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator			☐ Insulation	Finishes -Base Layer				
☐ SUBCODE APPROVAL for PERMIT			☐ Finishes -Final	Energy				
Approved by: <u>UCB</u>			☐ Mechanical	TOO				
☐ SUBCODE APPROVAL for CERTIFICATE			☐ Other	Barrier-Free				
Date: <u>11/22/15</u>			☐ Final					
Approved by: <u>UCB</u>			☐ Barrier-Free					

B. BUILDING CHARACTERISTICS

Use Group	Present	Proposed	Constr. Class	Present	Proposed
No. of Stories					
Height of Structure					
Area — Largest Floor					
New Bldg. Area/All Floors					
Volume of New Structure					
Max. Live Load					
Max. Occupancy Load					

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Sign here: Joan Cometto

Print name here: Joan Cometto

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Install 7.8kw roof mount solar
30 panels
2 inverters

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☒ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence
- ☐ Sign
- ☐ Pool
- ☐ Retaining Wall
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☐ Other
- ☐ Demolition

FEE (Office Use Only)

Administrative Surcharge \$
Minimum Fee \$
State Permit Surcharge Fee \$
TOTAL FEE \$



CONSTRUCTION PERMIT

Date Issued 9/22/15
Control # C-15-004105
Permit # 15-3167

IDENTIFICATION Block: 849 Lot: 3 Qualifier _____
Work Site Location: 1749 FORGE POND RD. Brick Township, NJ Contractor Sunrun Installation Services
Owner in Fee NOVAK, ANDREW Address 26 Worlds Fair Dr. Unit K Somerset NJ 08873
1749 FORGE POND RD. BRICK NJ 08724 Telephone: (848) 702-2164
Telephone: _____ Lic. No. or Bids. Reg. No. 34E101574500
Federal Employee. No. _____

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

SOLAR PANELS ...INSTALL 7.80 kw ROOF MOUNT PHOTOVOLTAIC SOLAR SYSTEM

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$12,540

Daniel Newman Jr
Construction Official

Date 9/21/15

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$125
Electrical	\$270
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$24
CO Fee	
Other	\$0
Total	\$419
Check No. <u>2011329</u>	
Cash	\$0
Credit	\$0
Collected By	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

- ☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

- ☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

BUILDING \$125.00
ELECTRICAL \$270.00
DCA \$24.00
CHECK \$419.00



ELECTRICAL SUBCODE TECHNICAL SECTION



A. IDENTIFICATION - APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 809 Lot 3 Qualification Code _____
Work Site Location 1749 Forge Road 121

Owner in Esc. Andres Dorak

Tel. _____ e-mail _____

Address 1749 Forge Road 121 Buck Trp 08724

Contractor: Summa Installation Serv Municipality _____ Tel. (848) 702-2164 Zip code _____

Address Summa Installation Serv e-mail joan@summa.com

Contractor License No. 34E101574500 Exp. Date 3.31.18

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 77-0471407 FAX: (132) 356-8398

B. ELECTRICAL CHARACTERISTICS

Use Group _____ Present _____ Proposed _____

☐ Pole/Pad # _____ ☐ Temporary _____ ☐ Other _____

Building Occupied as _____ Utility Co. SEPC

Est. Cost of Elec. Work \$ 10,020

JOB SUMMARY (Office Use Only)

PLAN REVIEW _____ INSPECTIONS _____ Dates (Month/Day) _____

☐ No Plans Required _____ Type: _____ Failure _____ Approval _____ Initial _____

☐ Partial: Under/Over Utilities Approved _____ Rough _____ Barrier-Free _____

Date: _____ Approved by: _____ Trench _____ Temp. Serv. _____

☒ Electric Plans Approved _____ Const. Serv. _____ TCO _____

Date: 10/24/15 Approved by: _____ Other _____

Joint Plan Review Required: _____ Service _____

☐ Bldg. ☐ Plumb. ☐ Fire. ☐ Elev. _____ Final _____

SUBCODE APPROVAL FOR PERMIT _____ Barrier-Free _____

Date: 10/24/15 Approved by: _____ Temp. Cut-in-Card Date Issued _____

SUBCODE APPROVAL FOR CERTIFICATE _____ Final Cut-in-Card Date Issued _____

☐ CO ☐ CCO ☐ M CA _____ Annual Pool Inspection _____

Date: 10/24/15 Approved by: _____ Date of Grounding and Bonding _____

Approved by: _____ Certification _____

Date Received _____
Control # _____
Date Issued _____
Permit # _____
9/22/15
15-3167

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: _____

Print name here: Paul Jovic

Licensed Elec. Contractor ☐ Certified Landscape Irrigation Contr' ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Install 7.8kw solar, 30 panels, 2 inverters

QTY. SIZE ITEMS

Lighting Fixtures _____

Receptacles _____

Switches _____

Detectors _____

Light Poles _____

Motors - Fract. HP _____

Emergency & Exit Lights _____

Communications Points _____

Alarm Devices/F.A.C. Panel _____

2000 panels

TOTAL NUMBERS _____

Pool Permit/with UW Lights _____

Storage Pool/Spa/Hot Tub _____

KW Elec. Range/Receptacle _____

KW Oven/Surface Unit _____

KW Elec. Water Heater _____

KW Elec. Dryer/Receptacle _____

KW Dishwasher _____

HP Garbage Disposal _____

KW Central AC Unit _____

HP/KW Space Heater/Air Handler _____

KW Baseboard Heat _____

KW Transformer/Generator _____

AMP ~~Sub~~ Fused ODCO _____

AMP Subpanels _____

AMP ~~Motor~~ Center METER _____

KW ~~Electric~~ Light Inverter _____

1 kw PV Solar System

To reorder call: ALLEGRA

Marketing • Print • Mail

(609) 390-1400

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

RECEIVING CLERK
DATE REC'D 5-12-10

ZONING PERMIT APPLICATION

PERMIT # 15-01179
DATE ISSUED 9/22/15

BLOCK: 849 LOT: 3 QUALIFIER: _____ SITE ADDRESS: _____

IDENTIFICATION:

1. NAME OF OWNER IN FEE: Andrew Nwak
COMPLETE ADDRESS: 1749 Forge Road Rd

PHONE: _____ EMAIL: _____

2. NAME OF APPLICANT: Deanne Installer Sorel
APPLICANT ADDRESS: 26 Worldy Kai Dr Unit K

PHONE # 848-702-2164 EMAIL: joan.cometto@sunrun.com

3. RESPONSIBLE PERSON FOR WORK: Joan Cometto
PHONE # 848-702-2164 FAX # 732-352-8398

4. SIGNATURE OF APPLICANT: Joan Cometto

FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: \$ 50-
OTHER: \$ _____
TOTAL: \$ 50-

REQUIRED BY APPLICANT

RESIDENTIAL: ✓
COMMERCIAL: _____
EXISTING USE: SFR
PROPOSED USE: SFR

BOARD APPROVAL: _____ PB _____ ZB _____
RESOLUTION#: _____
APPROVAL DATE: _____

PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)

*NEW BUILDING: _____ *ADDITION _____ *ALTERATION ✓ *PORCH _____ *DECK _____

POOL: ABOVE GROUND _____ IN GROUND _____ FENCE: HEIGHT _____ TYPE _____

HEIGHT: _____ (*APPLICABLE)

OTHER _____

DESCRIPTION: Install 7.8kw roof mount Solar

ZONING REVIEW:

DATE REVIEWED: 8/12/15 DATE DENIED: _____ DATE APPROVED: 8/17/15 INTLS: ae (SEE BACK PAGE)

RECEIVED

AUG 17 2015

~~ZONING~~

5/12/20

~~ZONING~~

DATE REVIEWED: 8/19/15 DATE DENIED: — DATE APPROVED: 8/19/15 INTLS: see

DATE REVIEWED: 8/11/10

DATE DENIED: 7

DATE APPROVED: 8/19/15

INTLS: 248

100

1

INITIALS:

8/17/15	SENT TO ECC FOR QR
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255

[illegible]



Brick Township
401 Chambers Bridge Rd.

Brick, NJ 08723
(732) 262-1336

9/22/15
Date Issued: _____
Application Number: ZA-15-01135
Application Date: 08/17/2015
Project Number: _____
Permit Number: 15-01179
Fee: \$50

Zoning Permit

Worksite **1749 FORGE POND RD.**
Location: **Brick Township, NJ**

Block: 849
Lot: 3
Qualifier: _____
Zone: R-10

Owner: **ALLAN, EDWARD & MILDRED**
Address: **1749 FORGE POND RD.**
BRICK, NJ 08724

Applicant: **Sunrun Installation Services**
Address: **26 World Fair Dr. Unit K**
Somerset, NJ 08873

Application Approved Date: 08/17/2015

This Certifies that an application for the issuance of a Zoning Permit has been examined.

Use is: Single-Family Residential

Nonconforming Use is: _____

Work Description:

Solar Energy System - 30- 260W photovoltaic, 7.8 KW SnapNrack solar, mounted on the roof of the house.

Additional Zoning Permits required for additional work.

Upon review it was determined that the Zoning Permit:

- ☒ Permitted by Ordinance
☐ Permitted by Variance approved on: _____
☐ Valid Nonconforming Use is established by
 ☐ Zoning Board of Adjustment
 ☐ Zoning Officer

Christopher J. Romano, Office of Zoning

08/17/2015

Date

Sean Kinnevy, Zoning Officer

8/17/15

Date