

1. Views

Documents: [39 BARTLETT FARM ROAD, SOLAR ARRAY.PDF](#)

2. No Meeting Agenda

There is no agenda available for this meeting. Please view the minutes.

31. Third Time Trust	41A Cliff Road	Addition, move on site, inst	42.4.4-2	Botticelli & Pohl
Voting	Glazer, Coombs, McLaughlin, Camp, Kuhnert			
Alternates	Oliver			
Recused	Pohl			
Documentation	Associated site and elevation plans, photos, correspondence, and required historical documentation.			
Representing	<b>Lisa Botticelli</b> , Botticelli & Pohl – Presented project. Ray Pohl, Botticelli & Pohl			
Public	None			
Concerns (6:49)	<p><b>Kuhnert</b> – Read HSAB comments: historic windows to remain; west elevation 6-over-6 windows should remain; main mass chimney should remain; the south elevation “hyphen” the historic current window arrangement should remain; would like to see a formal demolition plan; due to individual significance ask that an interior scan and documentation and photos be part of the approval process.</p> <p><b>McLaughlin</b> – West elevation existing, noted a drafting error. No comments.</p> <p><b>Camp</b> – Would like some of the details on the gambrel shown in historic photos be incorporated into this gambrel. Suggested putting a picture window back in to hearken back to the studio. No other concerns.</p> <p><b>Kuhnert</b> – Agrees with HSAB comments. The east elevation is horizontal but it’s appropriate. Would like more information about historic fabric in the “hyphen” and that it be retained. No reason to retain the chimney in the “hyphen”.</p> <p><b>Coombs</b> – East elevation, the addition hides the profile of the original house. Main chimney should remain.</p> <p><b>Glazer</b> – Need a window survey. Would like the east elevation 3-light windows to be repurposed. Agrees with what’s been said.</p>			
Motion	<b>Motion to Hold for revisions. (McLaughlin)</b>			
Vote	Carried unanimously		Certificate #	
Break 7:06 to 7:11 p.m.				
32. Bartlett Farm LLC	39 Bartlett Farm Road	Solar panels	65-16	SMRD
Voting	Glazer, Coombs, McLaughlin, Pohl, Camp			
Alternates	Oliver, Kuhnert			
Recused	None			
Documentation	Associated site and elevation plans, photos, correspondence, and required historical documentation.			
Representing	<b>Steve Roethke</b> , S.M. Roethke Design – Presented project. The array is placed in the lowest point of land and are 1 foot shorter than the previous approval. <b>John Bartlett</b> , owner – The only place this might be visible from is from the parking lot.			
Public	None			
Concerns (7:12)	<p>Discussion about how much larger this array is from the previous approval; 50% larger but it is 1 lower than previously approved.</p> <p><b>Coombs</b> – Would like to view with posts. Wonders if it might be visible from the community gardens.</p> <p><b>Camp</b> – Wonders if they will be visible in the winter.</p>			
Motion	<b>Motion to View with stakes marking the four corners and high point. (Camp)</b>			
Vote	Carried unanimously		Certificate #	
33. Spivy, Greg	36 Main Street (Sconset)	Rev. 59960, massing & inst	73.3.1-3	SMRD
Voting	Glazer, Coombs, McLaughlin, Pohl, Camp			
Alternates	Oliver, Kuhnert			
Recused	None			
Documentation	Associated site and elevation plans, photos, correspondence, and required historical documentation.			
Representing	<b>Steve Roethke</b> , S.M. Roethke Design – Presented project; “Telegraph” circa 1853. Historically the front door didn’t face Main Street. The east elevation is not visible.			
Public	None			
Concerns (7:26)	<p><b>Glazer</b> – Read SAB comments: keep chimney, a front door should face main, too much glass, French doors should be sealed down, no black sash or doors.</p> <p><b>McLaughlin</b> – Appreciates sensitivity of the new owner; everything is appropriate.</p> <p><b>Camp</b> – Agrees with SAB about the chimney and the front door. East elevation, agree it’s over fenestrated and prefer the 2-over-2 windows. The French doors don’t look as historic as those in the previous approval.</p> <p><b>Pohl</b> – The chimney should be kept; really likes the idea of keeping the diamond window.</p> <p><b>Coombs</b> – Agrees about the chimney being kept.</p> <p><b>Glazer</b> – Sorry to see the diamond window go. East elevation, reduce the four French doors to three.</p>			
Motion	<b>Motion to Hold for revisions. (Coombs)</b>			
Vote	Carried unanimously		Certificate #	

CERTIFICATE NO: \_\_\_\_\_

DATE ISSUED: \_\_\_\_\_

Application to the HISTORIC DISTRICT COMMISSION, Nantucket, Massachusetts, for a

**CERTIFICATE OF APPROPRIATENESS**

for structural work.

All blanks must be filled in using BLUE OR BLACK INK (no pencil) or marked N/A.

**NOTE: It is strongly recommended that the applicant be familiar with the HDC guidelines, *Building with Nantucket in Mind*, prior to submittal of application. Please see other side for submittal requirements. Incomplete applications will not be reviewed by the HDC.**

This is a contractual agreement and must be filled out in ink. An application is hereby made for issuance of a Certificate of Appropriateness under Chapter 395 of the Acts and Resolves of Mass., 1970, for proposed work as described herein and on plans, drawings and photographs accompanying this application and made a part hereof by reference.

The certificate is valid for three years from date of issuance. No structure may differ from the approved application. Violation may impede issuance of Certificate of Occupancy.

**PROPERTY DESCRIPTION**

TAX MAP N°: 65 PARCEL N°: 16  
Street & Number of Proposed Work: 39 BARTLETT FARM RD.  
Owner of record: BARTLETT FARM, LLC  
Mailing Address: 33 BARTLETT FARM ROAD  
NANTUCKET, MA 02554  
Contact Phone #: \_\_\_\_\_ E-mail: \_\_\_\_\_

**AGENT INFORMATION (if applicable)**

Name: S.M. ROETHKE DESIGN  
Mailing Address: 19 OLD SOUTH RD. #17  
NANTUCKET, MA 02554  
Contact Phone #: 508-825-7588 E-mail: steve@smroethke  
design.com

**FOR OFFICE USE ONLY**

Date application received: \_\_\_\_\_ Fee Paid: \$ \_\_\_\_\_  
Must be acted on by: \_\_\_\_\_  
Extended to: \_\_\_\_\_  
Approved: \_\_\_\_\_ Disapproved: \_\_\_\_\_  
Chairman: \_\_\_\_\_  
Member: \_\_\_\_\_  
Member: \_\_\_\_\_  
Member: \_\_\_\_\_  
Member: \_\_\_\_\_  
Notes - Comments - Restrictions - Conditions

**DESCRIPTION OF WORK TO BE PERFORMED**

See reverse for required documentation.

New Dwelling  Addition  Garage  Driveway/Apron  Commercial  Historical Renovation  Deck/Patio  Steps  Shed  
 Color Change  Fence  Gate  Hardscaping  Move Building  Demolition  Revisions to previous Cert. No. 58065  
 Pool (Zoning District \_\_\_\_\_)  Roof  Other SOLAR ARRAY  
Size of Structure or Addition: Length: 315' Sq. Footage 1st floor: \_\_\_\_\_ Decks/Patio: Size: \_\_\_\_\_  1st floor  2nd floor  
ARRAY AREA: Width: 220' Sq. Footage 2nd floor: \_\_\_\_\_ Size: \_\_\_\_\_  1st floor  2nd floor  
Sq. Footage 3rd floor: \_\_\_\_\_

Difference between existing grade and proposed finish grade: North \_\_\_\_\_ South \_\_\_\_\_ East \_\_\_\_\_ West \_\_\_\_\_  
Height of ~~rise~~ ARRAY above final finish grade: North 8'-6" South \_\_\_\_\_ East \_\_\_\_\_ West \_\_\_\_\_

**Additional Remarks**

Historic Name: \_\_\_\_\_  
Original Date: \_\_\_\_\_  
Original Builder: \_\_\_\_\_  
Is there an HDC survey form for this building attached?  Yes  N/A

- REVISIONS\***
1. East Elevation
  2. South Elevation
  3. West Elevation
  4. North Elevation

\*Cloud on drawings and submit photographs of existing elevations.

**DETAIL OF WORK TO BE PERFORMED**

**Foundation:** Height Exposed \_\_\_\_\_  Block  Block Parged  Brick (type) \_\_\_\_\_  Poured Concrete  Piers  
**Masonry Chimney:**  Block Parged  Brick (type) \_\_\_\_\_  Other \_\_\_\_\_  
**Roof Pitch:** Main Mass \_\_\_\_\_/12 Secondary Mass \_\_\_\_\_/12 Dormer \_\_\_\_\_/12 Other \_\_\_\_\_  
**Roofing material:**  Asphalt:  3-Tab  Architectural  
 Wood (Type: Red Cedar, White Cedar, Shakes, etc.) \_\_\_\_\_  
**Skylights (flat only):** Manufacturer \_\_\_\_\_ Rough Opening \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Rough Opening \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
**Gutters:**  Wood  Aluminum  Copper  Leaders (material) \_\_\_\_\_  
**Leaders (material and size):** \_\_\_\_\_  
**Sidewall:**  White cedar shingles \_\_\_\_\_  Clapboard (exposure: \_\_\_\_\_ inches) Front  Side   
 Other \_\_\_\_\_  
**Trim:** A. Wood  Pine  Redwood  Cedar  Other \_\_\_\_\_  
B. Treatment  Paint  Natural to weather  Other \_\_\_\_\_  
C. Dimensions: Fascia \_\_\_\_\_ Rake \_\_\_\_\_ Soffit (Overhang) \_\_\_\_\_ Corner boards \_\_\_\_\_ Frieze \_\_\_\_\_  
Window Casing \_\_\_\_\_ Door Frame \_\_\_\_\_ Columns/Posts: Round \_\_\_\_\_ Square \_\_\_\_\_  
**Windows\*:**  Double Hung  Casement  All Wood  Other \_\_\_\_\_  
 True Divided Lights(muntins), single pane  SDL's (Simulated Divided Lights) Manufacturer \_\_\_\_\_  
**Doors\* (type and material):**  TDL  SDL Front \_\_\_\_\_ Rear \_\_\_\_\_ Side \_\_\_\_\_  
Garage Door(s): Type \_\_\_\_\_ Material \_\_\_\_\_  
**Hardscape materials:** Driveways \_\_\_\_\_ Walkways \_\_\_\_\_ Walls \_\_\_\_\_

Fence: Height: 84" WIRE MESH  
Type: ON TIMBER POSTS.  
Length: \_\_\_\_\_

\* Note: Complete door and window schedules are required.

**COLORS**

Sidewall \_\_\_\_\_ Clapboard (if applicable) \_\_\_\_\_ Roof \_\_\_\_\_  
Trim \_\_\_\_\_ Sash \_\_\_\_\_ Doors \_\_\_\_\_  
Deck \_\_\_\_\_ Foundation \_\_\_\_\_ Fence \_\_\_\_\_ Shutters \_\_\_\_\_

\* Attach manufacturer's color samples if color is not from HDC approval list.

I hereby authorize the agent named above to act on my behalf to make changes in the specifications or the plans contained in this application in order to bring the application into compliance with the HDC guidelines. I hereby agree to abide by and comply with the terms and conditions of this application. I hereby agree that the submission of any revisions to this application will initiate a new sixty-day review period.

Date 6/7/16 Signature of owner of record [Signature] Signed under penalties of perjury

# BARTLETT FARM SOLAR OVERVIEW



### Property Information

Property  
ID  
Location  
Owner



**MAP FOR REFERENCE ONLY  
NOT A LEGAL DOCUMENT**

Town and County of Nantucket, MA makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Parcels updated December, 2014  
Properties updated January, 2015



PHOTO A:  
PREVIOUSLY APPROVED SOLAR ARRAY LOCATION AT 19 BARTLETT FARM ROAD  
(PHOTO TAKEN STANDING ON ROAD EDGE - 450' +/- TO ARRAY)



PHOTO B: APPX SOLAR ARRAY LOCATION @ 1325' +/- AS VIEWED AT FARM ENTRANCE FROM BARTLETT FARM ROAD

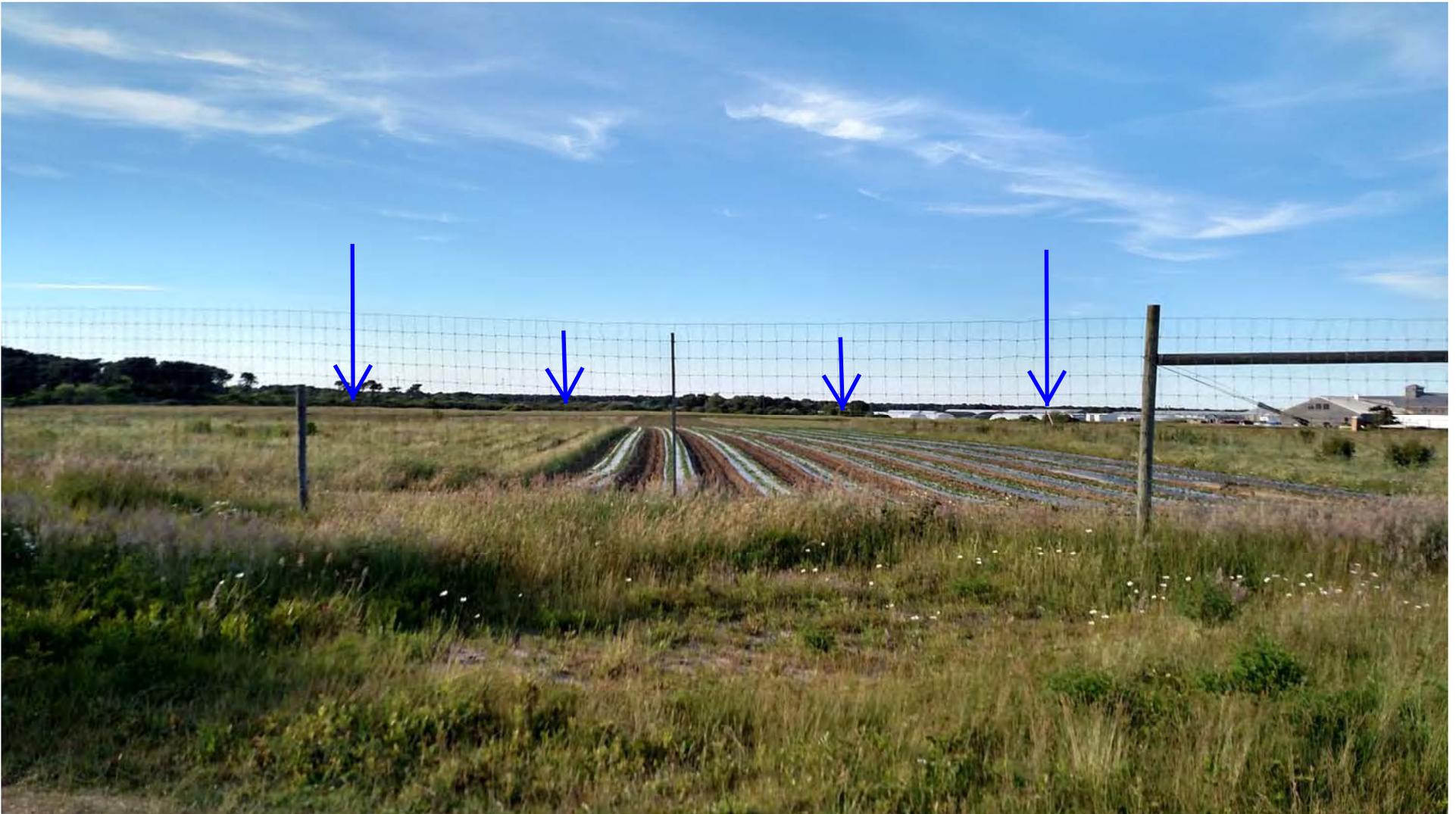


PHOTO C: SOLAR ARRAY LOCATION @ 450' +/- AS VIEWED ALONG HELLER WAY



**1** Site View w/ Solar Array Location  
N.T.S.

# JKM320PP-72

## 305-320 Watt

### POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory.

IEC61215, IEC61730 certified products.



## KEY FEATURES



### High Power Output:

Polycrystalline 72-cell module achieves a power output up to 320Wp.



### Anti-PID Guarantee:

Limited power degradation of Eagle module caused by PID effect is guaranteed under 60 C /85% RH condition for mass production.



### Low-light Performance:

Advanced glass and surface texturing allow for excellent performance in low-light environments.



### Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



### Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.



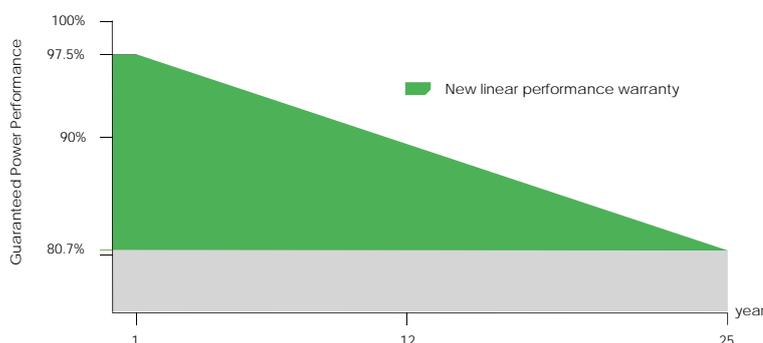
### Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.

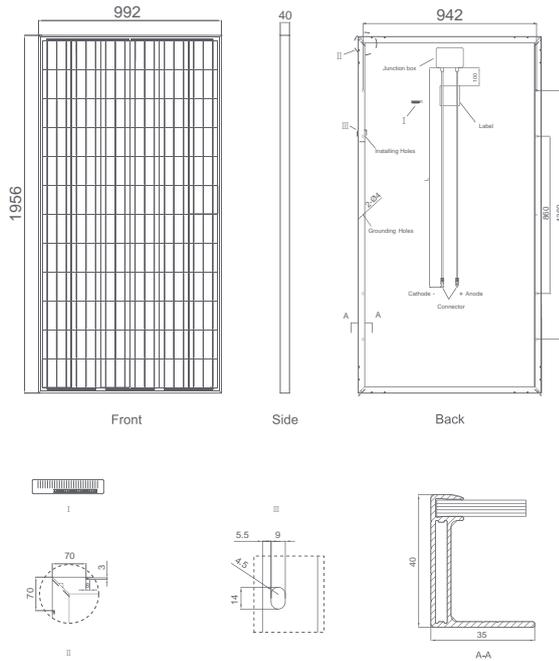


## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

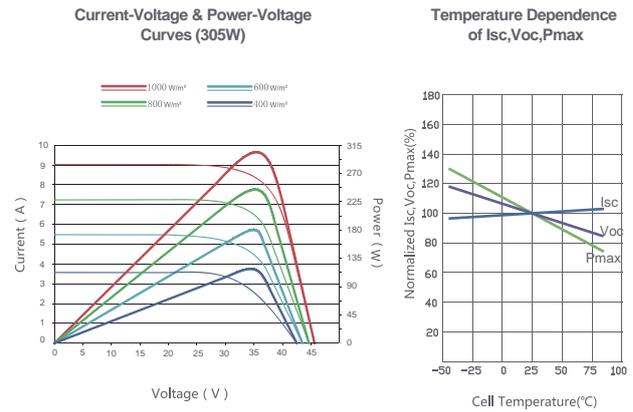


## Packaging Configuration

(Two boxes = One pallet)

25pcs/ box, 50pcs/pallet, 600 pcs/40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1956×992×40mm (77.01×39.05×1.57 inch)
Weight	26.5 kg (58.4 lbs.)
Front Glass	4.0mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm <sup>2</sup> Length:900mm

## SPECIFICATIONS

Module Type	JKM305PP		JKM310PP		JKM315PP		JKM320PP	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	305Wp	226Wp	310Wp	231Wp	315Wp	235Wp	320Wp	238Wp
Maximum Power Voltage (Vmp)	36.8V	33.6V	37.0V	33.9V	37.2V	34.3V	37.4V	34.7V
Maximum Power Current (Imp)	8.30A	6.72A	8.38A	6.81A	8.48A	6.84A	8.56A	6.86A
Open-circuit Voltage (Voc)	45.6V	42.2V	45.9V	42.7V	46.2V	43.2V	46.4V	43.7V
Short-circuit Current (Isc)	8.91A	7.22A	8.96A	7.26A	9.01A	7.29A	9.05A	7.30A
Module Efficiency STC (%)	15.72%		15.98%		16.23%		16.49%	
Operating Temperature(°C)	-40°C~+85°C							
Maximum system voltage	1000VDC (IEC)							
Maximum series fuse rating	15A							
Power tolerance	0~+3%							
Temperature coefficients of Pmax	-0.40%/°C							
Temperature coefficients of Voc	-0.30%/°C							
Temperature coefficients of Isc	0.06%/°C							
Nominal operating cell temperature (NOCT)	45±2°C							

STC: Irradiance 1000W/m<sup>2</sup>

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup>

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

\* Power measurement tolerance: ± 3%