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December 7, 2018

Via Electronic Mail and First Class Mail

Melanie A. Bachman, Esq.
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: ***Petition No. 1352*** – Nutmeg Solar, LLC, petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 19.6-megawatt AC solar photovoltaic electric generating facility on approximately 162 acres comprised of 9 separate parcels located generally south of Bailey Road and east of Route 191 (Broad Brook Road), and associated electrical interconnection to Eversource Energy's Scitico Substation at 20 Bailey Road in Enfield, Connecticut.

Dear Ms. Bachman:

I am writing on behalf of the petitioner, Nutmeg Solar, LLC ("Nutmeg Solar") in connection with the above-referenced proceeding pending before the Connecticut Siting Council (the "Council").

In the October 15, 2018 subject Petition, Nutmeg Solar submitted a materials specifications sheet referencing solar modules that ranged from 345 to 355 watts.

However, the Petitioner has revised the plan to implement 400 watt solar modules. Accordingly, enclosed please find original and 15 copies of an amended Exhibit F reflecting the specifications sheet for the 400 watt solar modules proposed for this Project.

Please feel free to contact me or David Bogan of this office (860-541-7711) if you have any questions or require additional information.

Very truly yours,

A handwritten signature in black ink, appearing to read "Kathryn E. Boucher".

Kathryn E. Boucher

cc: Service List

Cheetah HC 72M-V 380-400 Watt

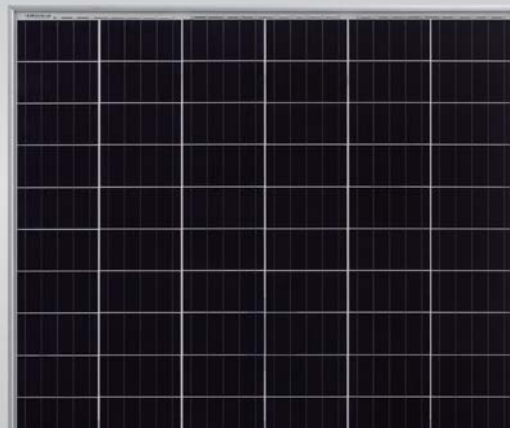
MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 72 Cell



PERC



KEY FEATURES



5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



High Efficiency

Higher module conversion efficiency (up to 19.88%) benefit from half cell structure (low resistance characteristic).



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



Severe Weather Resilience

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



Durability Against Extreme Environmental Conditions

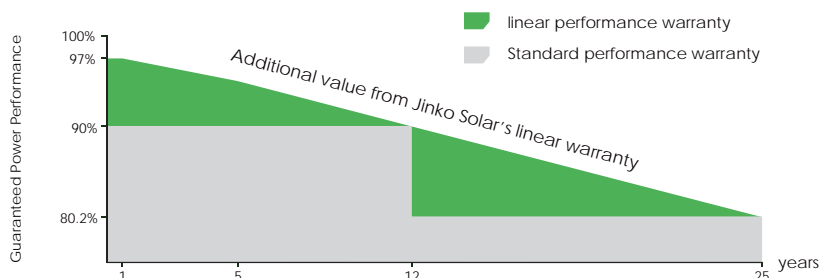
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

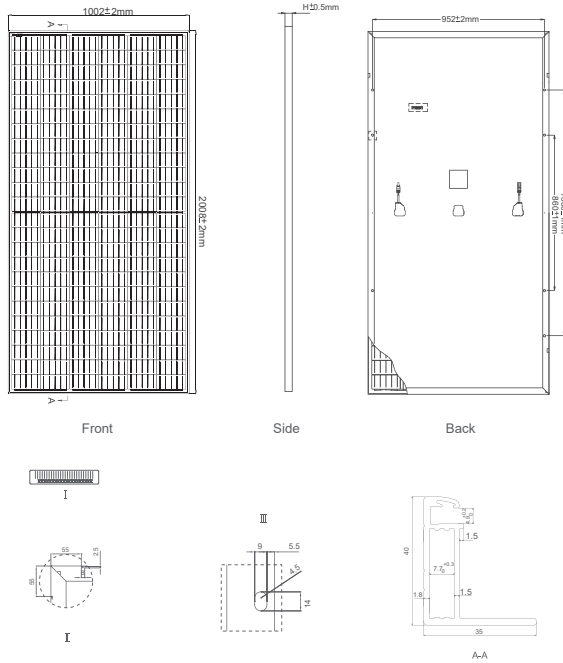
10 Year Product Warranty • 25 Year Linear Power Warranty



- ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory
- IEC61215, IEC61730, UL1703 certified product



Engineering Drawings

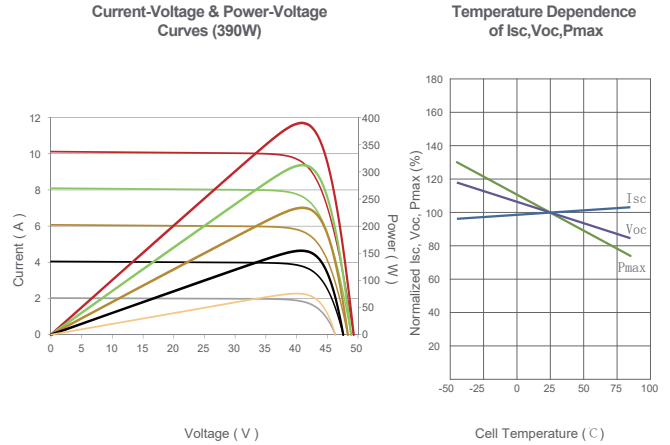


Packaging Configuration

(Two pallets = One stack)

26pcs/pallet, 52pcs/stack, 572pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No. of Half-cells	144 (6×24)
Dimensions	2008×1002×40mm (79.06×39.45×1.57 inch)
Weight	22.5 kg (49.6 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1x4.0mm², Anode 290mm, Cathode 145mm or Customized Length

SPECIFICATIONS

Module Type	JKM380M-72H-V		JKM385M-72H-V		JKM390M-72H-V		JKM395M-72H-V		JKM400M-72H-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	380Wp	286Wp	385Wp	290Wp	390Wp	294Wp	395Wp	298Wp	400Wp	302Wp
Maximum Power Voltage (Vmp)	40.5V	38.6V	40.8V	38.8V	41.1V	39.1V	41.4V	39.3V	41.7V	39.6V
Maximum Power Current (Imp)	9.39A	7.42A	9.44A	7.48A	9.49A	7.54A	9.55A	7.60A	9.60A	7.66A
Open-circuit Voltage (Voc)	48.9V	47.5V	49.1V	47.7V	49.3V	48.0V	49.5V	48.2V	49.8V	48.5V
Short-circuit Current (Isc)	9.75A	7.88A	9.92A	7.95A	10.12A	8.02A	10.23A	8.09A	10.36A	8.16A
Module Efficiency STC (%)	18.89%		19.14%		19.38%		19.63%		19.88%	
Operating Temperature (°C)						-40°C~+85°C				
Maximum System Voltage						1500VDC (IEC)				
Maximum Series Fuse Rating						20A				
Power Tolerance						0~+3%				
Temperature Coefficients of Pmax						-0.36%/°C				
Temperature Coefficients of Voc						-0.28%/°C				
Temperature Coefficients of Isc						0.048%/°C				
Nominal Operating Cell Temperature (NOCT)						45±2°C				

STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: ± 3%