中国电子科技集团有限公司
浙江嘉科新能源科技有限公司
ZHEJIANG JEC NEW ENERGY TECHNOLOGY CO.,LTD

NES60/315-325W
F 35mm
5BB Mono Solar Panel

About Us

Zhejiang JEC New Energy Technology CO., Ltd (CETCsolar) located in Jiaxing, Zhejiang Province. Formly New Energy Sector of No.36 Research Institute of CETC(No.36 Research Institute), is a holding company of No. 36 Research Institute. Our core products are PV modules, commercial, public and household PV system, PV micro system. We have a professional system design capability, specializes in design, construction, operation and maintenance for distributed PV power station and environmental PV system, has a Zhejiang Province key enterprise institute---Institute of PV equipment and intelligent control.

We will uphold the rigorous style of military workers, provide the best quality products and service to our customers and help them create value.

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Key Features

High Conversion Efficiency
Module efficiency up to 19.48% achieved through advanced cell technology and manufacturing capabilities

Positive Tolerance
Positive tolerance of up to 0~+5W delivers higher outputs reliablity

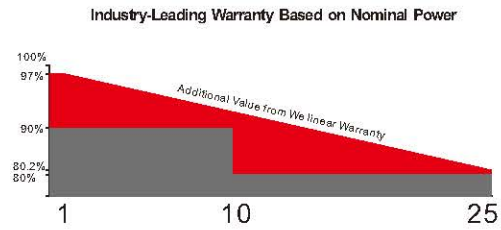
High PID Resistant
Advanced cell technology and qualified materials lead to high PID resistant

Current Sorting Process
System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage

Extended Wind and Snow load tests
Module certified to withstand extreme wind (2400 Pascal) and snow loads(5400 Pascal)

Withstanding Harsh Environment
Reliable quality leads to a better sustainability even in harsh environment like desert,farm and coastline

Quality Guarantee



* 25-year linear power output warranty
* 10-year product warranty

*High efficiency solar cells , Low resistance loss and higher conversion efficiency
*Double EL test before and after lamination, highly control product defects
*Solar panel classified by current, to improve system performance

Certificates

*ISO9001:2015
*ISO14001:2015
*ISO45001:2018
*TUV 、 CE 、 CQC 、 SGS 、 INMETRO 、 DEKRA

WeChat Official Accounts

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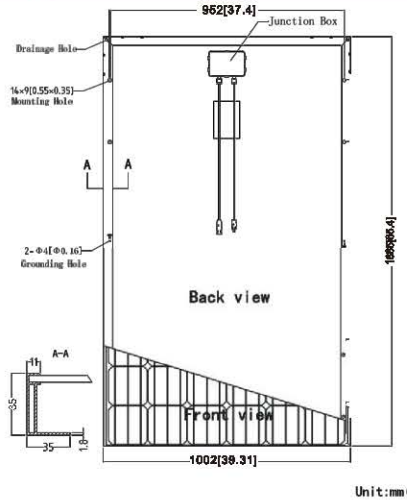
Electrical Characteristics

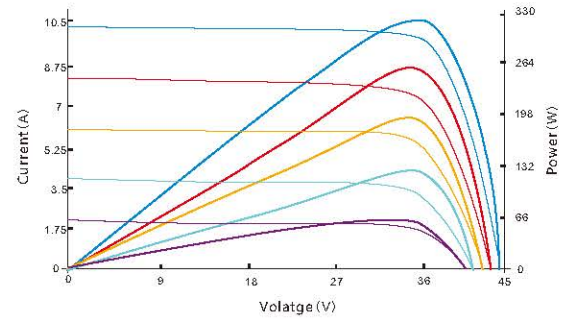
STC	NES60-6-315M	NES60-6-320M	NES60-6-325M
Maximum Power(Pmax)	315W	320W	325W
Optimum Operating Voltage(Vmp)	32.89V	33.17V	33.44V
Optimum Operating Current(Imp)	9.58A	9.65A	9.72A
Open Circuit Voltage(Voc)	40.53V	40.78V	41.04V
Short Circuit Current(Isc)	10.11A	10.18A	10.25A
Module Efficiency	18.88%	19.18%	19.48%
Operating Module Temperature	-40°C to +85°C		
Maximum System Voltage	1000V DC (IEC)		
Power Tolerance	0~+5W		
STC	Irradiance 1000 W/m², module temperature 25°C, AM=1.5; Best in Class AAA solar simulator (IEC 60904-9) used		

Engineering Drawing



Unit:mm(in)

I-V Curve



Excellent performance under weak light conditions: at an irradiation intensity of 800W/m² (AM 1.5, 25°C), 95.5% or higher of the STC efficiency(1000W/m²) is achieved.

Mechanical Characteristics

Solar Cell	158mm Monocrystalline silicon cells
No. of Cells	60(6x10)
Dimensions	1665x1002x35mm
Weight	18.5kg
Front Glass	3.2mm(0.13 inches) tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip67 rated
Output Cables	TÜV (2Pfg1169:2007)
	4.0 mm² (0.006 inches²), symmetrical lengths(-)900mm and (+) 900 mm
Connectors	MC4 connectors

Temperature Characteristics

NOCT	45±2°C
Temperature Coefficient of Pmax	-0.530%/°C
Temperature Coefficient of Voc	-0.390%/°C
Temperature Coefficient of Isc	0.031%/°C

Packing Configuration(35mm)

Per Pallet	30Pieces
Per Container (20' GP)	358Pieces
Per Container (40' HQ)	908Pieces

Note: Specifications subject to technical changes and tests, We reserves the right of final interpretation.

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