



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

NES120/355-375W
F 35mm
9BB Mono Solar Panel



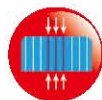
About Us

Zhejiang JEC New Energy Technology CO., Ltd (CETCsolar) located in Jiaxing, Zhejiang Province. Formerly 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



Half Cell

The power of Half-cell solar panel increases, and the hot spot temperature reduces because of lower working current



Positive Tolerance

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



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)

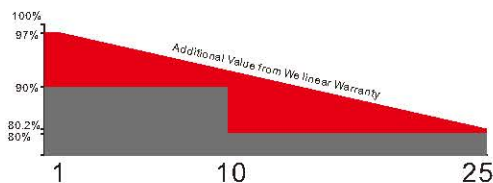


1500V

Backsheet and junction box supporting 1500V system

Quality Guarantee

Industry-Leading Warranty Based on Nominal Power



- * 25-year linear power output warranty
- * 10-year product warranty
- * The first year attenuation $\leq 2\%$

- *9BB 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

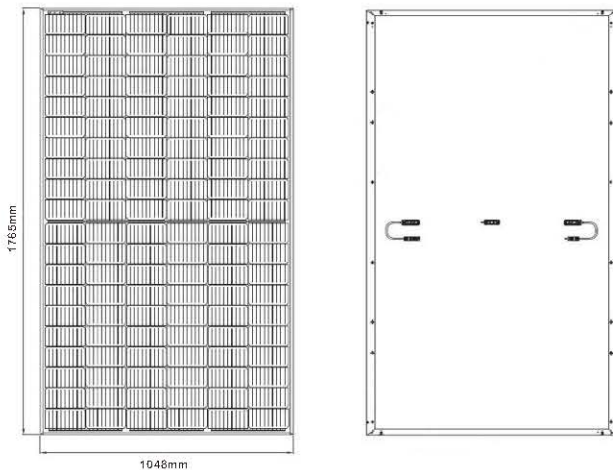
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Electrical Characteristics

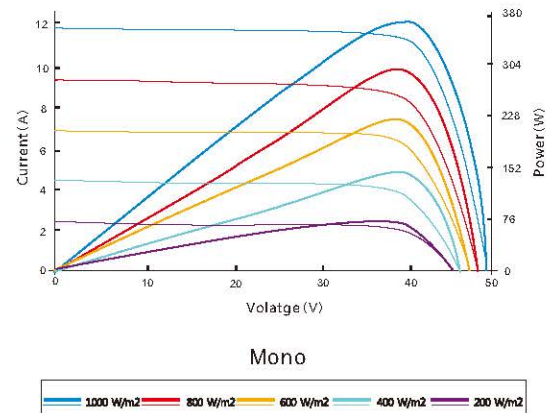
STC	NES120-6-355M	NES120-6-360M	NES120-6-365M	NES120-6-370M	NES120-6-375M
Maximum Power(Pmax)	355W	360W	365W	370W	375W
Optimum Operating Voltage(Vmp)	33.50V	33.70V	33.90V	34.10V	34.30V
Optimum Operating Current(Imp)	10.60A	10.68A	10.77A	10.85A	10.93A
Open Circuit Voltage(Voc)	40.70V	40.90V	41.10V	41.30V	41.50V
Short Circuit Current(Isc)	11.30A	11.40A	11.50A	11.60A	11.70A
Module Efficiency	19.19%	19.46%	19.73%	20.00%	20.27%
Operating Module Temperature	-40°C to +85°C				
Maximum System Voltage	1500V 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



I-V Curve



Excellent performance under weak light conditions: at an irradiance 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	166mm 9BB Monocrystalline silicon cells
No. of Cells	120(6x10x2)
Dimensions	1765x1048x35mm
Weight	19.8kg
Front Glass	3.2mm(0.13 inches) tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip67 rated
Output Cables	TÜV (2Pfg1169:2007) 4.0 mm ² (0.006 inches ²), 300mm/Customized
Connectors	MC4 connectors

Temperature Characteristics

NOCT	45±2°C
Temperature Coefficient of Pmax	-0.380%/°C
Temperature Coefficient of Voc	-0.300%/°C
Temperature Coefficient of Isc	0.060%/°C

Packing Configuration(35mm)

Per Pallet	30Pieces
Per Container (20' GP)	312Pieces
Per Container (40' HQ)	858Pieces

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

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