MONO-FACIAL MODULE

XC41-410~430N-E3

N-Type /Positive power tolerance of 0~+3%/Max module efficiency 22.02%.

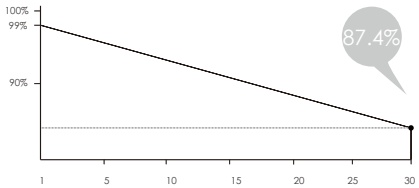
- Suitable for ground power plants and distributed projects
- Advanced module technology delivers superior module efficiency
  ·Non destructive cutting ·MBB half-cut
- Excellent power generation performance
  ·Excellent IAM and low irradiation performance ·Lower temperature coefficient
  ·0.40% linear Power decline
- High module quality ensures long-term reliability
  ·Strict selected material ·Advanced technology ·Leading standad
- Ultra-hydrophilic self-cleaning coating techniques

Complete System
and IEC Product Certification

IEC 61215(2016),IEC 61730(2016) ISO9001: 2015:Quality Management System ISO14001: 2015:Environment Management System ISO45001:2018:Occupational Health and Safety Management System

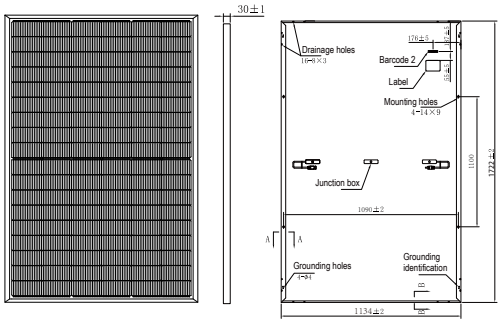
12 -year Material & Workmanship

30 -year Linear Power Output

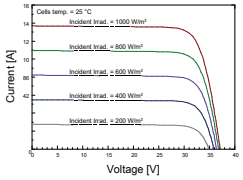


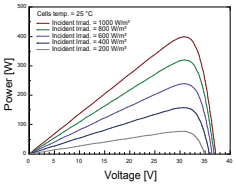
30-Year excess linear power output warranty

XC41-410~430N-E3
MONO-FACIAL MODULE



Drawing Only for Reference





Electrical Characteristics STC	XC41-410N-E3	XC41-415N-E3	XC41-420N-E3	XC41-425N-E3	XC41-430N-E3
Maximum Power (Pmax)	410W	415W	420W	425W	430W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	21.00%	21.25%	21.51%	21.76%	22.02%
Maximum Power Current (Imp)	13.10A	13.17A	13.24A	13.32A	13.39A
Maximum Power Voltage (Vmp)	31.30V	31.51V	31.72V	31.91V	32.11V
Short Circuit Current (Isc)	13.91A	13.98A	14.05A	14.12A	14.19A
Open Circuit Voltage (Voc)	37.24V	37.51V	37.77V	38.03V	38.29V

Values at Standard Test Conditions STC(AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics NOCT	XC41-410N-E3	XC41-415N-E3	XC41-420N-E3	XC41-425N-E3	XC41-430N-E3
Maximum Power (Pmax)	311.0W	315.0W	318.0W	322.0W	326.0W
Maximum Power Current (Imp)	10.56A	10.62A	10.67A	10.74A	10.80A
Maximum Power Voltage (Vmp)	29.45V	29.66V	29.80V	29.98V	30.19V
Short Circuit Current (Isc)	11.14A	11.22A	11.27A	11.33A	11.39A
Open Circuit Voltage (Voc)	35.93V	36.13V	36.31V	36.58V	36.84V

NOCT , Irradiance of 800W/m², AM1.5, Ambient Temperature 20 °C, wind Speed 1m/s.

Mechanical Characteristics	
Cell Type	MonoN-Type,182×182(±1)mm,108(6×18)Half-Cut cells
Glass	3.2mm,High Transmission,Low Iron,Tempered Glass
Frame	Anodized Aluminum Alloy
Juction Box	IP68 Rated
Dimension	1722×1134×30mm
Output Cable	4 mm2 (EU),300 mm,length can be customized
Weight	22kg
Connector	MC4 compitable

Characteristics	
Temperature Coefficient of Voc	-0.26%/℃
Temperature Coefficient of Isc	0.046%/℃
Temperature Coefficient of Pmax	-0.31%/℃
Nominal Operating Cell Temperature (NOCT)	45℃±2℃

Remark:Electrical data in this catalog do not refer to a single module and they are not part of the offer.They only serve for comparison among different module types.

Packing Information	
Container	40' HQ
Pallets per Container	26
Pieces per Container	936

Maximum Ratings	
Operating Temperature	-40℃~+85℃
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A

Note: Please read the safety and installation instructions before using this product

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Web:www.czxcsolar.com
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