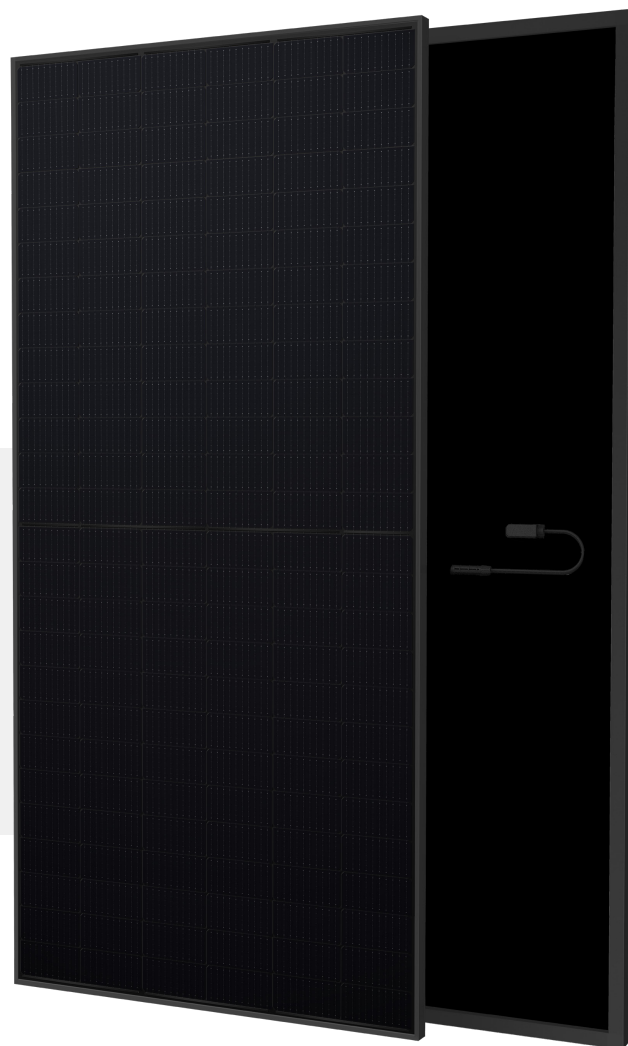


MONO-FACIAL MODULE

RS7-600~625NX-E1

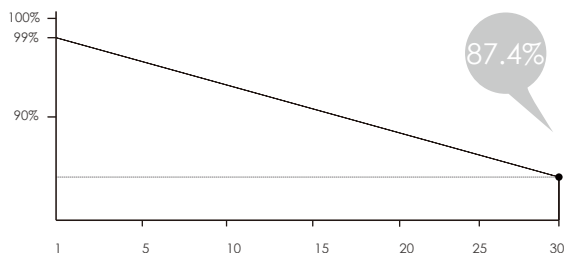
N-Type / Positive power tolerance of 0~+3%/Max module efficiency 22.56%.

- Suitable for ground power plants and distributed projects
- Advanced module technology delivers superior module efficiency
 - Gallium-doped Wafer · Non destructive cutting · MBB half-cut
- Excellent power generation performance
 - Excellent IAM and Weak light response · Low temperature ratings
 - 0.40% linear Power decline
- High module quality ensures long-term reliability
 - Strict selected material · Advanced technology · Leading standard
- Ultra-hydrophilic self-cleaning coating techniques



Complete System and IEC Product Certification

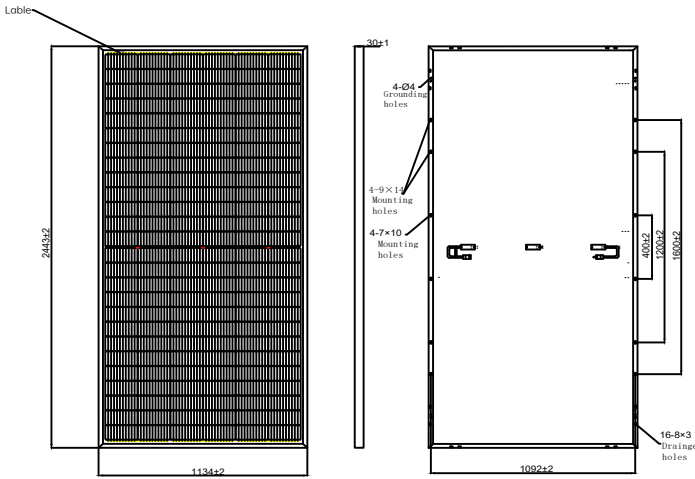
IEC 61215(2016), IEC 61730(2016) ISO9001: 2015: Quality Management System ISO14001: 2015: Environment Management System ISO45001:2018: Occupational Health and Safety Management System



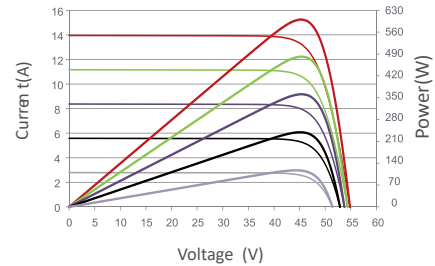
30-Year excess linear power output warranty



RS7-600~625NX-E1 MONO-FACIAL MODULE



Drawing Only for Reference



Electrical Characteristics STC	RS7-600NX-E1	RS7-605NX-E1	RS7-610NX-E1	RS7-615NX-E1	RS7-620NX-E1	RS7-625NX-E1
Maximum Power (Pmax)	600W	605W	610W	615W	620W	625W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	21.66%	21.84%	22.02%	22.20%	22.38%	22.56%
Maximum Power Current (Imp)	12.65A	12.71A	12.77A	12.83A	12.89A	12.95A
Maximum Power Voltage (Vmp)	47.43V	47.60V	47.77V	47.93V	48.10V	48.26V
Short Circuit Current (Isc)	13.29A	13.34A	13.39A	13.45A	13.50A	13.55A
Open Circuit Voltage (Voc)	54.92V	55.17V	55.42V	55.63V	55.87V	56.11V

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

Electrical Characteristics NOCT	RS7-600NX-E1	RS7-605NX-E1	RS7-610NX-E1	RS7-615NX-E1	RS7-620NX-E1	RS7-625NX-E1
Maximum Power (Pmax)	450.7W	454.5W	458.2W	462.0W	465.7W	469.5W
Maximum Power Current (Imp)	10.22A	10.27A	10.31A	10.36A	10.41A	10.46A
Maximum Power Voltage (Vmp)	44.11V	44.27V	44.42V	44.58V	44.73V	44.88V
Short Circuit Current (Isc)	11.28A	11.32A	11.36A	11.42A	11.46A	11.50A
Open Circuit Voltage (Voc)	51.63V	51.86V	52.10V	52.29V	52.52V	52.75V

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,156(6×26)Half-Cut cells
Glass	3.2mm,High Transmission,Low Iron,Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated, With Bypass Diodes
Dimension	2443×1134×30mm
Output Cable	4 mm ² (EU),300 mm,length can be customized
Weight	30kg
Installation Hole Location	See Drawing Above

Packing Information

Container	40' HQ
Pallets per Container	16
Pieces per Container	576

Characteristics

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

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.

Maximum Ratings

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A

