

MONO-FACIAL MODULE

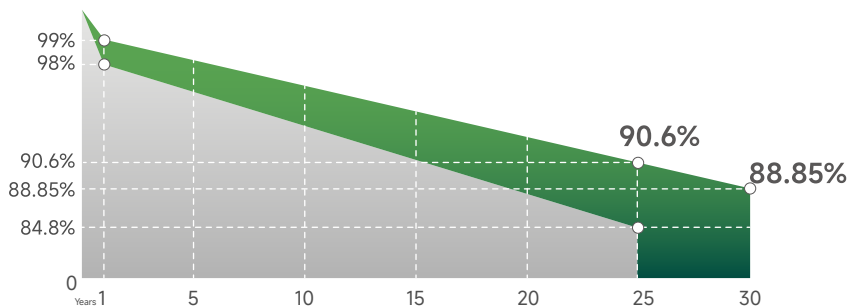
RS6-605~630I-E1

BC-Type /Positive power tolerance of 0~+3%/Max module efficiency 24.39%

- Suitable for ground power plants and distributed projects
- Advanced module technology delivers superior module efficiency
 - Partial Shading Optimisation · PFAS - free
- Excellent power generation performance
 - Better Temperature Coefficient · High Temperature Restriction · Higher Power
- High module quality ensures long-term reliability
 - Micro - crack Resistance · More Aesthetic Values · Lower BOS

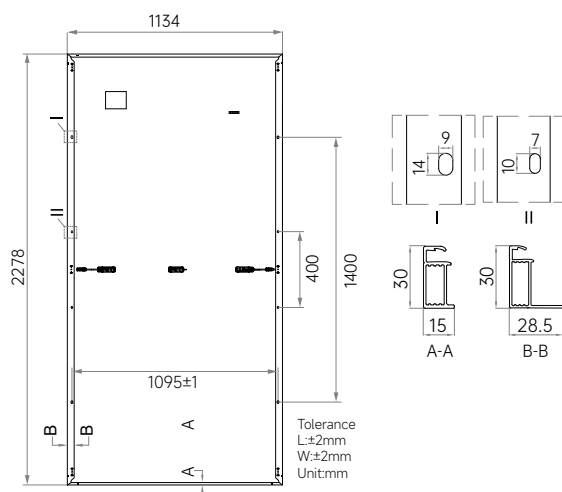
Complete System
and IEC Product Certification

IEC 61215 IEC 61730 ISO 9001:
2015:Quality Management System ISO14001:
2015:Environment Management System
ISO45001:2018:Occupational Health
and Safety Management System



30-Year Excess Linear Power Output Warranty

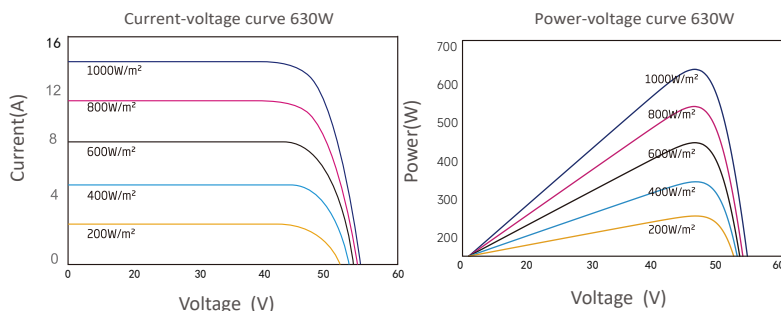
BLOOMBERG
TIER 1
Global
Leading Brand



Drawing Only for Reference

RS6-605~630I-E1

MONO-FACIAL MODULE



Electrical Characteristics STC	RS6-605I-E1	RS6-610I-E1	RS6-615I-E1	RS6-620I-E1	RS6-625I-E1	RS6-630I-E1
Maximum Power (Pmax)	605W	610W	615W	620W	625W	630W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	23.42%	23.61%	23.81%	24.00%	24.19%	24.39%
Maximum Power Current (Imp)	13.52A	13.60A	13.68A	13.76A	13.84A	13.92A
Maximum Power Voltage (Vmp)	44.78V	44.88V	44.98V	45.08V	45.18V	45.28V
Short Circuit Current (Isc)	14.28A	14.36A	14.44A	14.52A	14.60A	14.68A
Open Circuit Voltage (Voc)	54.09V	54.19V	54.29V	54.39V	54.49V	54.59V

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

Electrical Characteristics NOCT	RS6-605I-E1	RS6-610I-E1	RS6-615I-E1	RS6-620I-E1	RS6-625I-E1	RS6-630I-E1
Maximum Power (Pmax)	456W	459W	463W	467W	471W	474W
Maximum Power Current (Imp)	10.79A	10.85A	10.91A	10.98A	11.04A	11.11A
Maximum Power Voltage (Vmp)	42.29V	42.38V	42.48V	42.54V	42.67V	42.76V
Short Circuit Current (Isc)	11.55A	11.61A	11.68A	11.74A	11.81A	11.87A
Open Circuit Voltage (Voc)	51.08V	51.18V	51.27V	51.36V	51.46V	51.55V

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

Mechanical Characteristics

Cell Type	Mono BC-type, 144(6×24)Half-cut cells
Glass	3.2mm,High Transmission,Low Iron,tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Dimension	2278x1134x30
Output Cable	4mm2(EU),+200mm,-300mm or Customized
Weight	27kg
Connector	MC4 Compatible

Packing Information

Container	40' HQ
Pallets per Container	20
Pieces per Container	720

Characteristics

Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Isc	+0.05%/°C
Temperature Coefficient of Pmax	-0.26%/°C
Nominal Operating Cell Temperature (NOCT)	43±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	25A

