

MONO-FACIAL MODULE

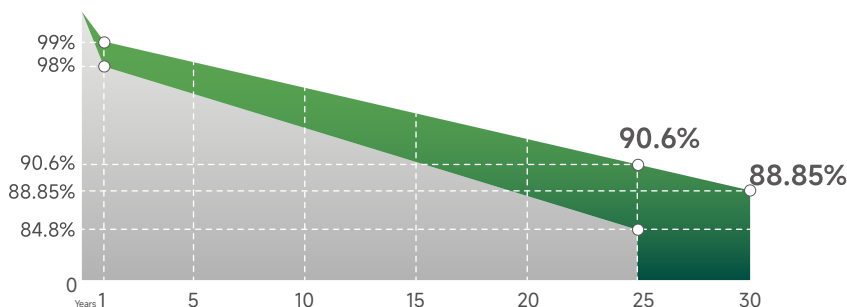
RS6-585~600I-E1

BC-Type /Positive power tolerance of 0~+3%/Max module efficiency 23.23%

- 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

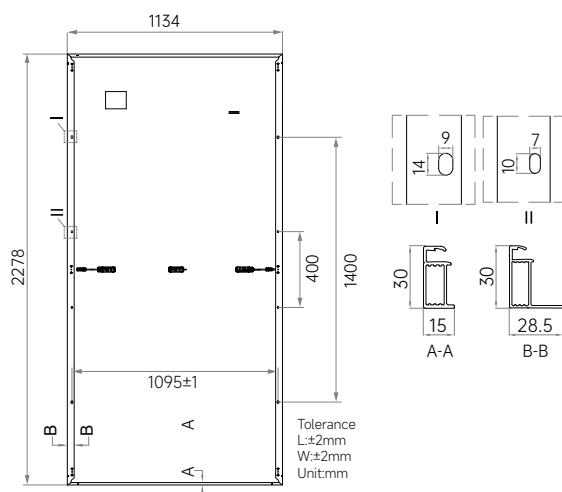
Complete System
and IEC Product Certification

IEC 61215(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

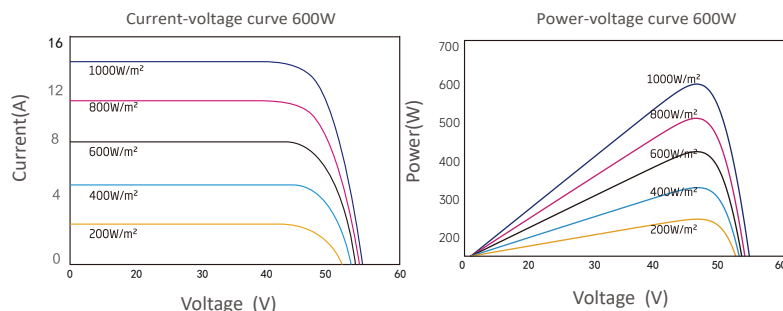
BLOOMBERG
TIER 1
Global
Leading Brand



Drawing Only for Reference

RS6-585~600I-E1

MONO-FACIAL MODULE



Electrical Characteristics STC	RS6-585I-E1	RS6-590I-E1	RS6-595I-E1	RS6-600I-E1
Maximum Power (Pmax)	585W	590W	595W	600W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	22.65%	22.84%	23.03%	23.23%
Maximum Power Current (Imp)	13.19A	13.27A	13.35A	13.43A
Maximum Power Voltage (Vmp)	44.38V	44.48V	44.58V	44.68V
Short Circuit Current (Isc)	13.95A	14.03A	14.11A	14.20A
Open Circuit Voltage (Voc)	53.69V	53.79V	53.89V	53.99V

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

Electrical Characteristics NOCT	RS6-585I-E1	RS6-590I-E1	RS6-595I-E1	RS6-600I-E1
Maximum Power (Pmax)	440W	444W	448W	452W
Maximum Power Current (Imp)	10.53A	10.59A	10.65A	10.72A
Maximum Power Voltage (Vmp)	41.92V	42.01V	42.10V	42.19V
Short Circuit Current (Isc)	11.27A	11.34A	11.41A	11.48A
Open Circuit Voltage (Voc)	50.71V	50.80V	50.89V	50.99V

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

