

# JS-PERC BIFACIAL

MODULES  
WITH DUAL GLASS

**535-550W**

## ● QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

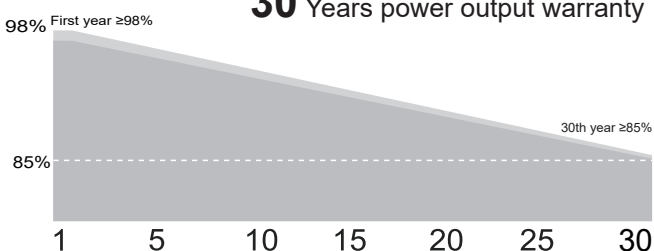
## ● PRODUCT CERTIFICATION



## ● WARRANTY

**15** Years product warranty

**30** Years power output warranty



## ● PERC MODULE ADVANTAGE

**535/540/545/550**

## ● PERC MODULE ADVANTAGE



### Performance

Lower LCOE, reduced BOS cost, short payback time.



### Double-sided power generation

The gain of double-sided power generation increases up to max·25% with the light on the back side and the significantly reduce looe.



### Guarantee

Warranty comes from one of the most financially healthy PV providers.

## Electrical Specifications

Module Type	JS535M144BDG		JS540M144BDG		JS545M144BDG		JS550M144BDG	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	535	406	540	409	545	413	550	417
Maximum Power Current (Imp/A)	13.05	10.38	13.12	10.44	13.19	10.50	13.26	10.55
Maximum Power Voltage (Vmp/V)	41.00	39.07	41.16	39.22	41.32	39.37	41.48	39.52
Short-circuit Current (Isc/A)	13.90	11.26	13.97	11.31	14.04	11.37	14.11	11.43
Open-circuit Voltage (Voc/V)	49.44	46.81	49.59	46.95	49.74	47.09	49.89	47.23
Module Efficiency STC (%)	20.71%		20.90%		21.10%		21.29%	
Pmax Tolerance 0/+3%    Bifaciality:70%±10%    STC:AM1.5 1000W/m <sup>2</sup> 25 °C    NOCT:AM1.5 800W/m <sup>2</sup> 20 °C 1m/s Measurement uncertainty:±3%								

## Bifacial Gain

10%	Pmax(STC)	589W	594W	600W	605W
20%	Pmax(STC)	642W	648W	654W	660W
30%	Pmax(STC)	696W	702W	709W	715W

## Mechanical Data

Cell Type	Ptype Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2278x1134x30mm
Weight	32kg
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm <sup>2</sup> /1300mm or Customized Length
Connector Type	PV-ZH202B or MC4-EVO 2A (1500V)

## Packaging

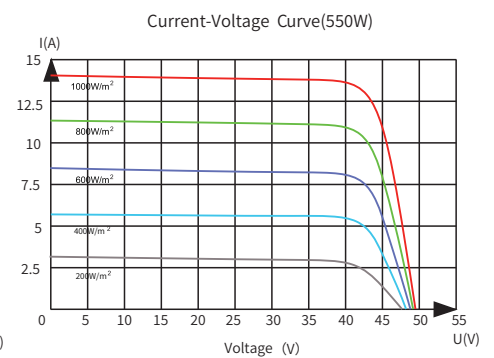
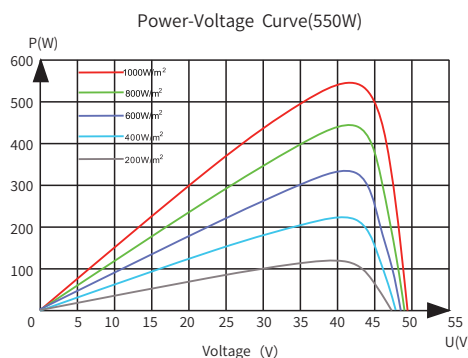
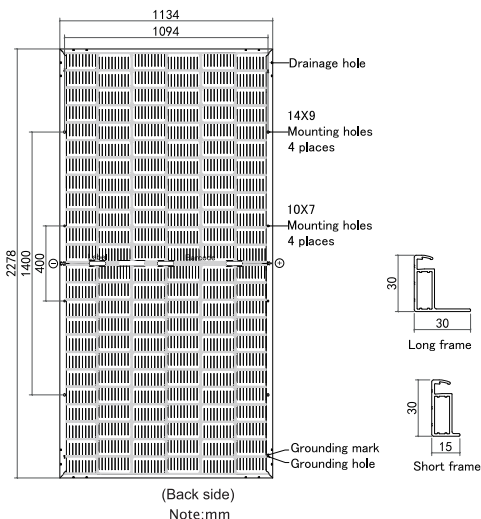
Pallet Dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	720

## Temperature Characteristics

Nominal Operating Cell Temperature(NOCT)	42±3°C
Temperature Coefficient of Isc	+0.063%/°C
Temperature Coefficient of Voc	-0.269%/°C
Temperature Coefficient of Pmax	-0.335%/°C

## Maximum Ratings

Operating Temperature	-40°C to +85°C	Maximum Series Fuse Rating	30A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1500V DC(IEC)	Fire Rating Class	Class C



**Statement:** Due to technological progress, product parameters will be adjusted accordingly; When signing the contract, the latest data of the company shall prevail.