

## Key Features



### High Efficiency

Advanced Ga-doped PERC technology,  
High conversion efficiency (up to 21.22%)



### Excellent Low-light Performance

Advanced solar cell surface texturing technology,  
allows for excellent performance in low-light environment



### High Reliability

Strict quality control guarantees high reliability



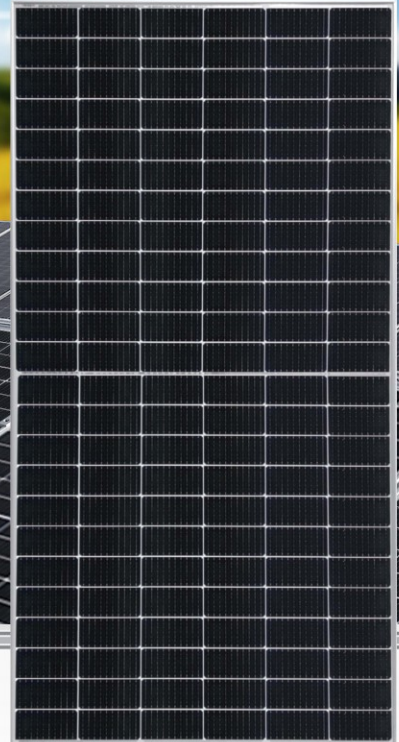
### Highly Strengthened Design

Certified to withstand: 5400Pa snow load  
and 2400Pa wind load



### Outstanding PID Resistant Performance

Innovative cell technology, keeping module from  
degradation induced by electric potential difference



## Product Certificates



## Contact us

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# Mono Bifacial Double Glass Module

## DDG(P)530~550(K)

### Electrical performance parameters

Model	DDG(P)530(K)	DDG(P)535(K)	DDG(P)540(K)	DDG(P)545(K)	DDG(P)550(K)
Maximum power (Pm/Wp)	530	535	540	545	550
Maximum power voltage (Vmp/V)	41.64	41.87	42.09	42.32	42.54
Maximum power current (Imp/A)	12.73	12.78	12.83	12.88	12.93
Open circuit voltage (Voc/V)	49.65	49.78	49.91	50.12	50.34
Short circuit current (Isc/A)	13.48	13.53	13.58	13.63	13.68
Module efficiency (%)	20.45	20.64	20.83	21.03	21.22

### Mechanical performance parameters

Cell Nos & array	Mono half-cut cells 144pcs
Cell size (mm)	182*91
Glass thickness (mm)	2.0
Frame	anodized aluminum alloy
Cable	4mm <sup>2</sup> , negative 300mm, positive 300mm
Module weight(kg)	32.1
Module dimension(L*W*H)(mm)	2285*1134*35mm
Packing	31pcs/pallet

### Quality parameters

Module working temperature range (°C)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC 1500
System maximum protection current (A)	25
NOCT(°C)	45 ± 2
Front/rear static loads(Pa)	2400/5400
Junction box/Connector	Ip68, split/MC4 compatible

### Temperature coefficient (STC)

Temperature coefficient of Voc	-0.3%/°C
Temperature coefficient of Isc	+0.06%/°C
Temperature coefficient of Pm	-0.39%/°C

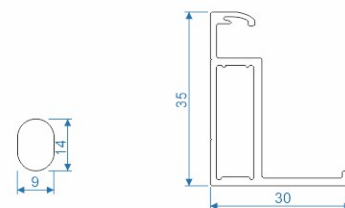
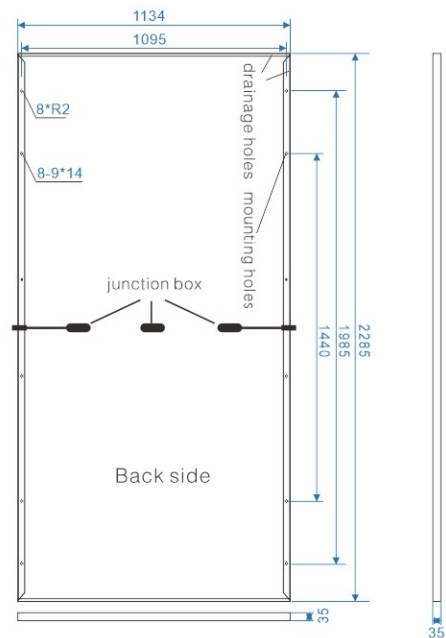
Test condition: irradiance=(1+0.1B(FI))1000W/m<sup>2</sup>, ambient temperature=25°C, AM=1.5

### Quality warranty

12-year materials & workmanship warranty
30-year linear power warranty

Attention: Read safety and installation instructions before using.  
The parameters in this sheet are subject to change without prior notice.

### Module dimension (mm)



### I-V curve

