

Key Features



High Efficiency

Advanced Ga-doped PERC technology,
High conversion efficiency(up to 21.3%)



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

Tel : +86 27 87801237

Email : info@rixinsolar.com

Add : No.6, Middle Maadianshan Road,
Guanshan Avenue, Wuhan, 430079, China



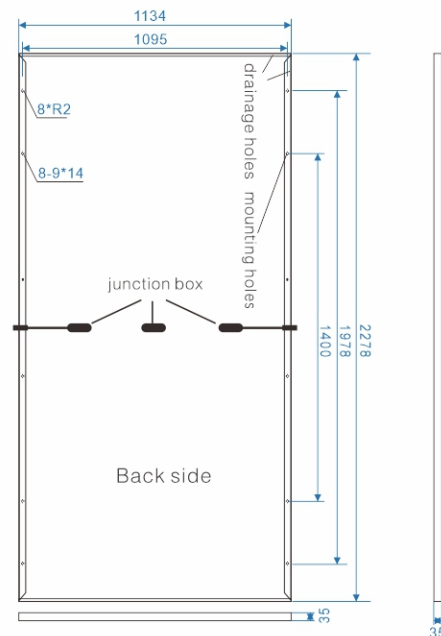
Mono Bifacial Double Glass Module

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 (%)	20.51	20.71	20.90	21.1	21.3

Module dimension (mm)

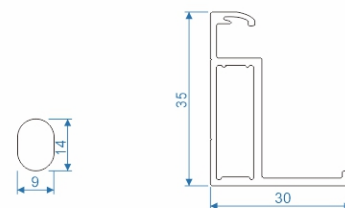


Mechanical performance parameters

Cell Nos & array	Mono half-cut cells 144pcs
Cell size (mm)	182*91
Glass thickness (mm)	2.0
Frame	anodized aluminum alloy
Cable	4mm ² , negative 300mm, positive 300mm
Module weight (kg)	32.1
Module dimension (L*W*H) (mm)	2278*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/m², 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.

I-V curve

