

Key Features



High Efficiency

Advanced Ga-doped PERC technology,
High conversion efficiency(up to 21.25%)



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
www.rixinsolar.com.cn

PERC Mono Module

DBP400~DBP415

Electrical performance parameters

Model	DBP400	DBP405	DBP410	DBP415
Maximum power (Pm/Wp)	400	405	410	415
Maximum power voltage (Vmp/V)	31.30	31.54	31.78	32.02
Maximum power current (Imp/A)	12.78	12.84	12.90	12.96
Open circuit voltage (Voc/V)	37.54	37.79	38.03	38.27
Short circuit current (Isc/A)	13.52	13.58	13.64	13.70
Module efficiency (%)	20.50	20.74	21	21.25

Mechanical performance parameters

Cell Nos & array	PERC mono half-cut cells 108pcs
Cell size (mm)	182*91
Glass thickness (mm)	3.2
Frame	anodized aluminum alloy
Cable	4mm ² , negative300mm, positive300mm
Module weight(kg)	24
Module dimension(L*W*H)(mm)	1722*1134*35mm
Packing	31pcs/pallet

Quality parameters

Module working temperature range (°C)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
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	-0.275%/°C
Temperature coefficient of Isc	+0.05%/°C
Temperature coefficient of Pm	-0.35%/°C

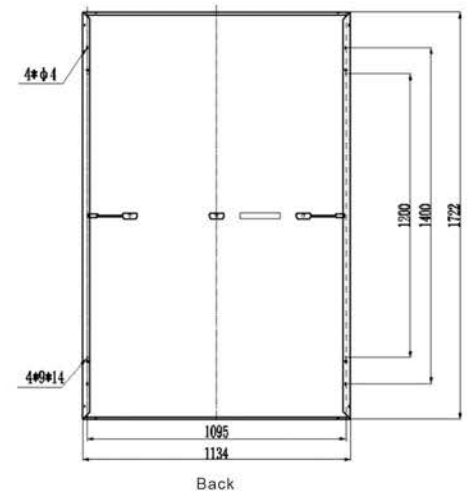
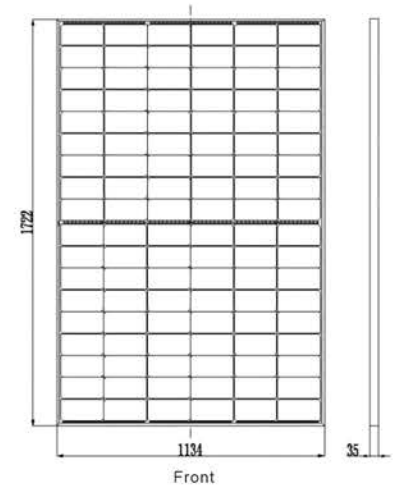
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25°C, AM=1.5

Quality warranty

12-year materials&workmanship warranty
25-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-Vcurve

