

Key Features

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High Efficiency
Advanced Ga-doped PERC technology, High conversion efficiency(up to 21.48%)
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Excellent Low-light Performance
Advanced solar cell surface texturing technology, allows for excellent performance in low-light environment
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High Reliability
Strict quality control guarantees high reliability
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Highly Strengthened Design
Certified to withstand:5400Pa snow load and 2400Pa wind load
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Outstanding PID Resistant Performance
Innovative cell technology, keeping module from degradation induced by electric potential difference

Product Certificates



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PERC Mono Bifacial Double Glass Module(framed)

DDG(P)535~555(K)

Electrical performance parameters

Model	DDG(P)535(K)	DDG(P)540(K)	DDG(P)545(K)	DDG(P)550(K)	DDG(P)555(K)
Maximum power (Pm/Wp)	535	540	545	550	555
Maximum power voltage (Vmp/V)	41.87	42.09	42.32	42.54	42.77
Maximum power current (Imp/A)	12.78	12.83	12.88	12.93	12.98
Open circuit voltage (Voc/V)	49.78	49.91	50.12	50.34	50.54
Short circuit current (Isc/A)	13.53	13.58	13.63	13.68	13.73
Module efficiency (%)	20.71	20.90	21.1	21.3	21.48

Mechanical performance parameters

Cell Nos & array	PERC mono half-cut cells 144pcs
Cell size (mm)	182*91
Glass thickness (mm)	2.0
Frame	anodized aluminum alloy
Cable	4mm ² , negative300mm, positive300mm
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)	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)

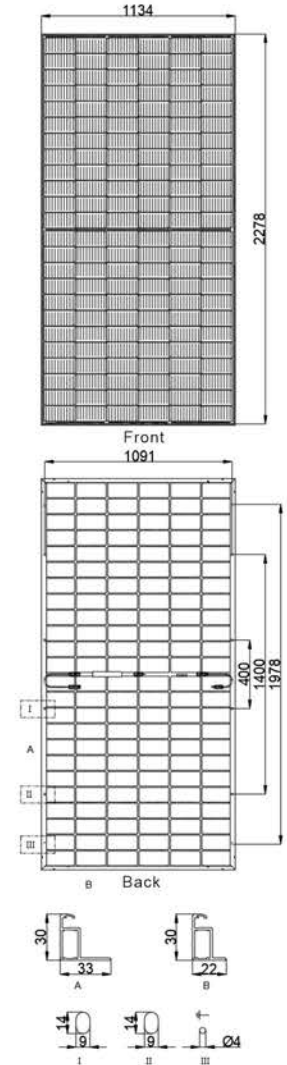
Temperature coefficient of Voc	-0.3%/°C
Temperature coefficient of Isc	+0.06%/°C
Temperature coefficient of Pm	-0.39%/°C

Test condition: irradiance=(1+0.1BiFi)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.

Module dimension (mm)



I-V curve

