

Jinri 6R

600-635W

SE6R-66HBD

N-Type HJT Bifacial Half Cell
Double-glass Solar Module

23.5%

Max. Module Efficiency

HJT Technology

Combining gettering process and $\mu\text{-Si}$ technology to ensure higher cell efficiency and higher module power.

Up to 95% Bifaciality

Natural symmetrical bifacial structure bringing more energy yield from the backside.

Sealing with PIB

Integrated coating frames ensuring modules passing the IEC salt-mist test level 8.

Suitable for Utility project

Lower BOS cost, lower LCOE.

Better Temperature Coefficient

Higher power generation under working conditions, thanks to passivating contact cell technology.

Quality Management System and Product Certification

IEC61215, IEC61730
ISO 9001:2015/quality management system
ISO 14001:2015/environmental management system
ISO 45001:2018/occupation health safety
IEC62941:2019/Terrestrial photovoltaic (PV) modules-Quality system for PV module manufacturing

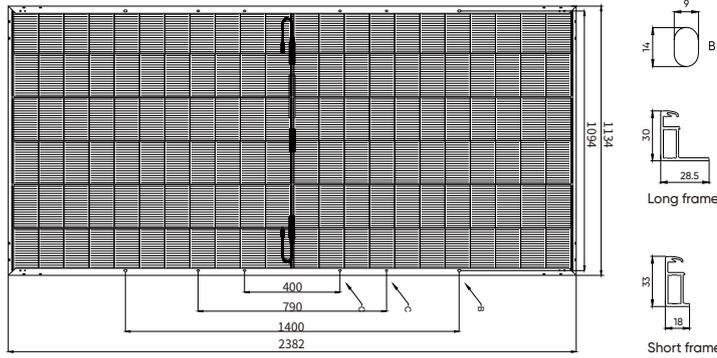
Quality Guarantee

15 year Product Warranty 30 year Linear Power Warranty

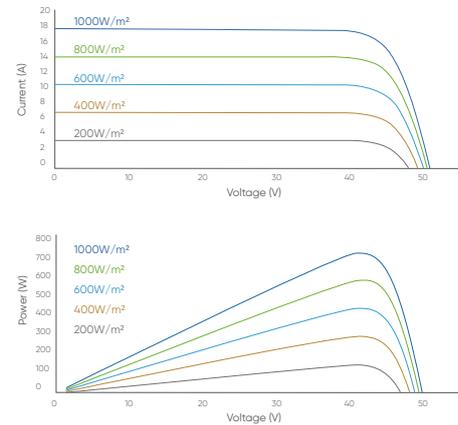


*First year power degradation $\leq 1\%$ *Annual power degradation (2-30 year) $\leq 0.3\%$ *Power output until the 30th year $\geq 90.3\%$

Engineering Drawings



I-V Curve



Mechanical Characteristics

Cell Type	HJT
No. of Cells	132 (6 × 22)
Dimensions	2382 × 1134 × 30mm
Weight	32.6kg
Junction Box	IP68
Cable	4mm ² ; +350/-250mm or customized; UV resistant
Connector	MC4 / MC4-Evo2A / PV-H4 / Z4S-abcd / ST4
Frame	Anodized aluminum alloy frame
Max Static Load (front side/rear side)	5400Pa / 2400Pa
Glass	Dual glass, 2.0mm
Modules Per Pallet	36
Pallets Per Container	20
Modules Per Container (40HQ)	720

Operating Characteristics

Nominal Operating Cell Temp.	44±2°C
Operating Temperature	-40~+85°C
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	30A
Tolerance of Pmax	0~+3%
Power Selection	0~+5W
Bifaciality	90±5%
Safety Class	Class II

Temperature Characteristics

Temperature Coefficient of Pmax	-0.24%/ °C
Temperature Coefficient of Voc	-0.22%/ °C
Temperature Coefficient of Isc	+0.04%/ °C

Electrical Parameters (STC & NOCT)

SE6R-66HBD	600		605		610		615		620		625		630		635	
	STC	NOCT														
Maximum Power (Pmax/W)	600	458	605	461	610	465	615	469	620	473	625	477	630	481	635	484
Maximum Power Voltage (Vmp/V)	40.69	38.84	40.78	38.92	40.85	38.98	40.96	39.09	41.05	39.18	41.14	39.26	41.23	39.34	41.32	39.42
Maximum Power Current (Imp/A)	14.76	11.80	14.85	11.87	14.95	11.95	15.03	12.01	15.12	12.08	15.21	12.16	15.30	12.23	15.39	12.30
Open Circuit Voltage (Voc/V)	48.75	46.53	48.85	46.62	48.94	46.71	49.05	46.82	49.15	46.91	49.25	47.01	49.34	47.09	49.43	47.18
Short Circuit Current (Isc/A)	15.56	12.44	15.66	12.52	15.76	12.60	15.86	12.68	15.96	12.76	16.06	12.84	16.16	12.92	16.26	13.00
Module Efficiency (%)	22.20		22.40		22.60		22.80		23.00		23.10		23.30		23.50	

STC: Irradiance 1000W/m², cell temperature 25°C, Air Mass AM1.5.

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

Measuring tolerance: ±3%

Electrical Parameters (BSTC)

Total Equivalent Power- Pmax (Wp)	672	678	684	689	695	700	706	712
Maximum Power Voltage-Vmpp (V)	40.83	40.92	40.99	41.10	41.19	41.28	41.37	41.46
Maximum Power Current-Imp (A)	16.48	16.58	16.69	16.78	16.88	16.98	17.08	17.18
Open Circuit Voltage-Voc (V)	48.92	49.02	49.11	49.22	49.32	49.42	49.51	49.60
Short Circuit Current-Isc (A)	17.45	17.56	17.67	17.79	17.90	18.01	18.12	18.24

BSTC: AM1.5, 1000W/m², 135W/m², 25 °C