

RUNERGY

HY-DH132H10 **Plus**

700-740W

23.8%

Max. Efficiency

HJT

Bifacial & Dual Glass

132 Pieces

Half-Cell



Leading Technology

Based on HJT cell and G12 technology platform; Advanced design and manufacturing process; Industry leading reliability and efficiency of mass production



High Power

Bifacial higher power output, lower temperature coefficient and better low light performance; Significantly enhanced power output and lower LCOE



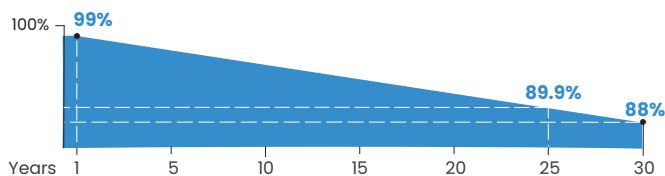
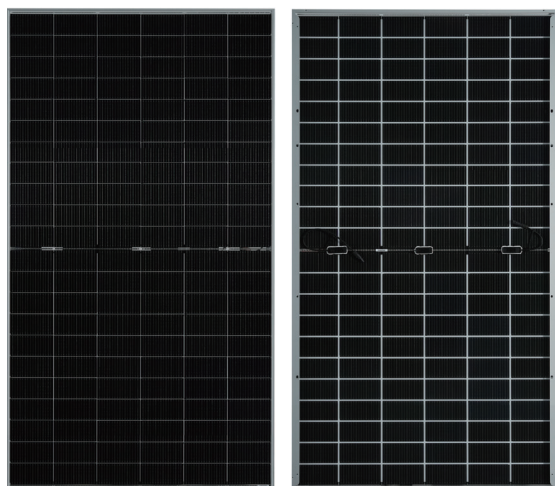
Long-term Reliability

Unsusceptible to LID, LeTID and lower PID degradation; 5400Pa snow load, 2400Pa wind load, and 35mm hail-resistant with 27.2m/s strike



Stringent Quality Control

Durable product structure; Stringent quality control system; Guaranteed after-sales service to ensure long-term reliability



Runergy HJT Dual Glass Product Performance Warranty

• 1st year degradation <1%. annual degradation <0.38%



12-year product warranty



30-year linear power warranty

IEC61215 / IEC61730 / UL61730 / IEC61701 / IEC62716 / IEC60068 / ISO9001 / ISO14001 / ISO45001



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Mechanical Parameters	
Solar Cell	Mono HJT 210mm
No. of Cells	132 (6 × 22)
Dimensions	2384 × 1303 × 35mm(93.86 × 51.30 × 1.38in.)
Weight	38.5kg(84.88lbs)
Junction Box	IP68 rated (3 bypass diodes)
Output Cable	4mm ² (IEC), 12 AWG(UL) +400/-200mm (+15.75/-7.87in.) or customized
Connector	RY01 or similar
Front Cover	2.0mm AR coated heat strengthened glass
Back Cover	2.0mm heat strengthened glass
Frame	Aluminum, silve anodized
Container	31 pcs/Pallet, 558pcs/40' HQ

Operating Parameters	
Max. System Voltage	DC 1500V (IEC/UL)
Operating Temperature	-40℃ ~ +85℃(-40°F ~ +185°F)
Max. Fuse Rating	35A
Front/Back Max. Loading	5400Pa (112lb/ft ²)/2400Pa (50lb/ft ²)
Bifaciality	85%±5%
Hail Test	35mm, 27.2 m/s.
Fire Resistance	IEC Class A/ UL Type 29

Electrical Characteristics - STC	Irradiance 1000 W/m², cell temperature 25 °C, AM1.5, Test uncertainty for Pmax: ±3%								
Maximum Power at STC (Pmax/W)	740	735	730	725	720	715	710	705	700
Power Tolerance (W)	0 ~ +5								
Optimum Operating Voltage (Vmp/V)	43.25	43.11	42.97	42.83	42.68	42.54	42.39	42.25	42.10
Optimum Operating Current (Imp/A)	17.11	17.05	16.99	16.93	16.87	16.81	16.75	16.69	16.63
Open Circuit Voltage (Voc/V)	51.34	51.19	51.04	50.89	50.74	50.59	50.44	50.29	50.13
Short Circuit Current (Isc/A)	17.91	17.85	17.79	17.73	17.67	17.61	17.55	17.49	17.43
Module Efficiency	23.8%	23.7%	23.5%	23.3%	23.2%	23.0%	22.9%	22.7%	22.5%

Electrical Characteristics - BNPI	Irradiance: front 1000W/m², rear 135W/m², Cell temperature 20 °C, AM1.5.								
Maximum Power at BNPI(Pmax/W)	819	813	808	803	797	792	786	780	775
Optimum Operating Voltage (Vmp/V)	43.25	43.11	42.97	42.83	42.68	42.54	42.39	42.25	42.10
Optimum Operating Current (Imp/A)	18.94	18.87	18.80	18.74	18.67	18.61	18.54	18.47	18.41
Open Circuit Voltage (Voc/V)	51.47	51.32	51.17	51.01	50.86	50.71	50.56	50.41	50.25
Short Circuit Current (Isc/A)	19.86	19.79	19.73	19.66	19.59	19.53	19.46	19.39	19.33

Rearside Power Gain (Reference to 715W Front)			
Rearside Power Gain	5%	15%	25%
Maximum Power (Pmax/W)	706	822	894
Optimum Operating Voltage (Vmp/V)	42.60	42.64	42.67
Optimum Operating Current (Imp/A)	17.63	19.29	20.95
Open Circuit Voltage (Voc/V)	50.65	50.69	50.72
Short Circuit Current (Isc/A)	18.47	20.21	21.96
Module Efficiency	24.2%	26.5%	28.8%

Temperature Characteristics	
Nominal Module Operating Temperature	42 ± 2 °C
Nominal Cell Operating Temperature	45 ± 2 °C
Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/ °C

Specifications included in this datasheet are subject to change without notice.

