RUNERGY

HY-DH132N10 Plus

700-730W

23.5%	N-Type	132 Pieces
Max. Efficiency	Bifacial & Dual Glass	Half-Cell

Leading Technology

Based on n-type cell and 210 technology platform; Advanced design and manufacturing process; Industry leading reliability and efficiency of mass production

High Power

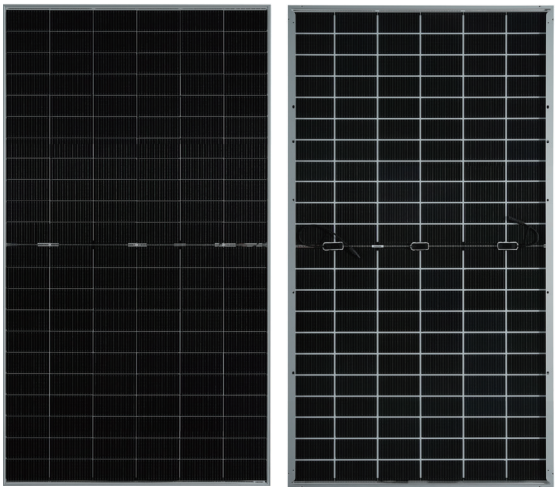
Bifacial higher power output, lower temperature coefficient and better low light performance; Significantly enhanced power output and lower LCOE

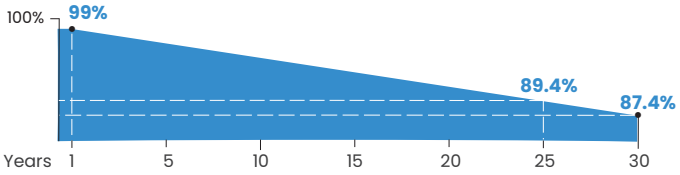
Long-term Reliability

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 N-Type Dual Glass Product Performance Warranty

- 1st year degradation <1%, annual degradation <0.4%

12 12-year product warranty

30 30-year linear power warranty

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

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HY-DH132N10 700-730

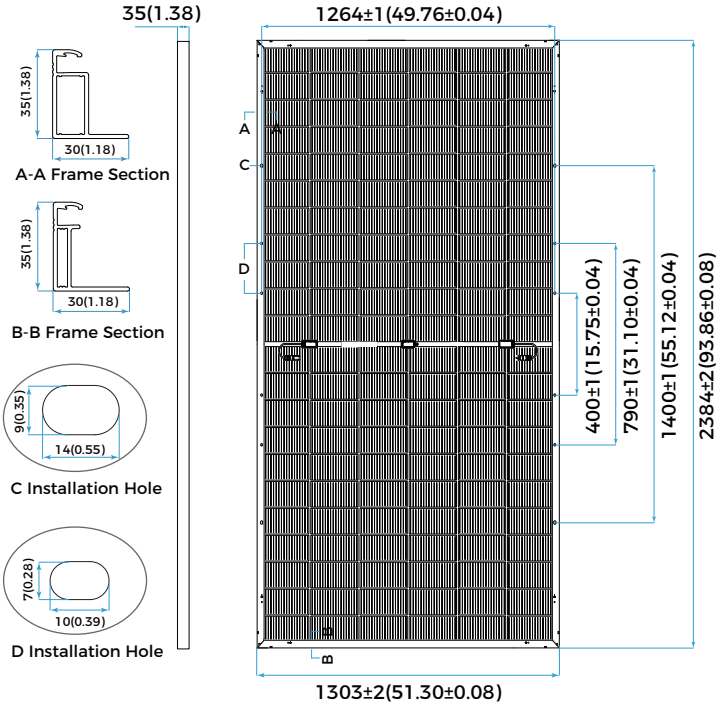
Mechanical Parameters

Solar Cell	Mono N-Type 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	4mm² (IEC), 12 AWG(UL) +400/-200mm (+15.75/-7.87in.) or customized
Connector	RY01 or similar
Front Cover	2.0mmAR 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˚C ~ +85˚C(-40°F ~ +185°F)
Max. Fuse Rating	35A
Front/Back Max. Loading	5400Pa (112lb/ft²)/2400Pa (50lb/ft²)
Bifaciality	80%±5%
Hail Test	35mm, 27.2 m/s.
Fire Resistance	IEC Class A/ UL Type 29

Unit: mm(inch)



Electrical Characteristics - STC

Irradiance 1000 W/m², cell temperature 25 ˚C, AM1.5, Test uncertainty for Pmax: ±3%

Maximum Power at STC (Pmax/W)	730	725	720	715	710	705	700
Power Tolerance (W)				0 ~ +5			
Optimum Operating Voltage (Vmp/V)	41.67	41.48	41.29	41.10	40.90	40.69	40.49
Optimum Operating Current (Imp/A)	17.52	17.48	17.44	17.40	17.36	17.33	17.29
Open Circuit Voltage (Voc/V)	49.77	49.58	49.39	49.20	49.00	48.79	48.59
Short Circuit Current (Isc/A)	18.59	18.54	18.49	18.44	18.40	18.36	18.32
Module Efficiency	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 25 ˚C, AM-1.5.

Maximum Power at BNPI(Pmax/W)	803	798	792	787	781	776	771
Optimum Operating Voltage (Vmp/V)	41.67	41.48	41.29	41.10	40.90	40.69	40.49
Optimum Operating Current (Imp/A)	19.28	19.24	19.19	19.15	19.11	19.07	19.03
Open Circuit Voltage (Voc/V)	49.89	49.70	49.51	49.32	49.12	48.91	48.71
Short Circuit Current (Isc/A)	20.49	20.44	20.38	20.33	20.28	20.24	20.20

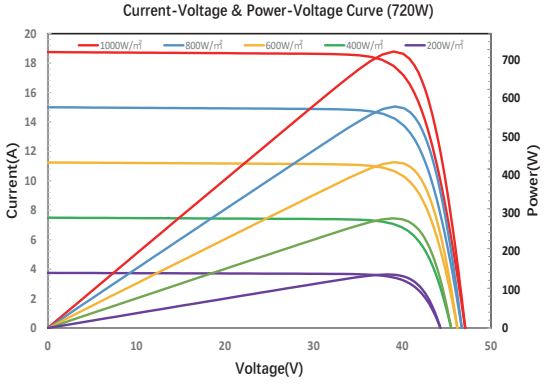
Rearside Power Gain

(Reference to 720W Front)

Rearside Power Gain	5%	15%	25%
Maximum Power (Pmax/W)	751	822	894
Optimum Operating Voltage (Vmp/V)	41.16	41.20	41.23
Optimum Operating Current (Imp/A)	18.25	19.95	21.68
Open Circuit Voltage (Voc/V)	49.26	49.3	49.33
Short Circuit Current (Isc/A)	19.34	21.15	22.99
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	-0.29%/˚C
Temperature Coefficient of Voc	-0.25%/˚C
Temperature Coefficient of Isc	0.045%/ ˚C



HY-DH132N10-Plus-Global-Ver25Q4

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