RUNERGY

HY-DH132N10-XXX

700-725W

23.3%	N-Type	132 Pieces
Max. Efficiency	Bifacial & Dual Glass	Half-Cell

Leading Technology

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

High Power

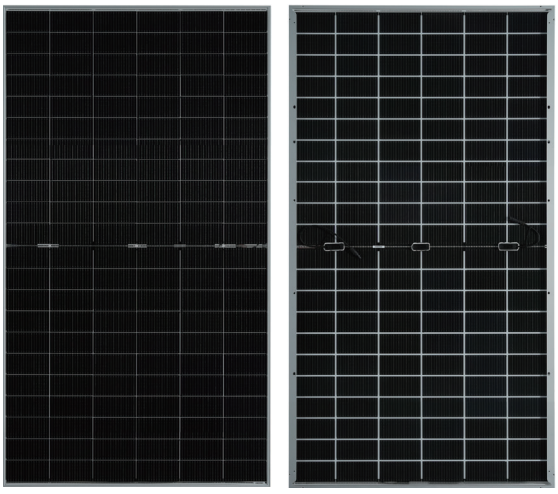
Bifacial higher power output, lower temperature coefficient and better low light performance; Significantly enhanced power output and lower LCOE

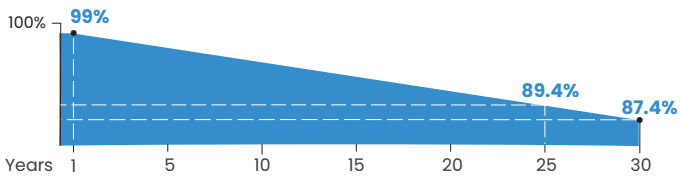
Long-term Reliability

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(STC) Warranty

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

12 12-year product warranty

30 30-year linear power(STC) warranty

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

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HY-DH132N10-XXX(700-725)

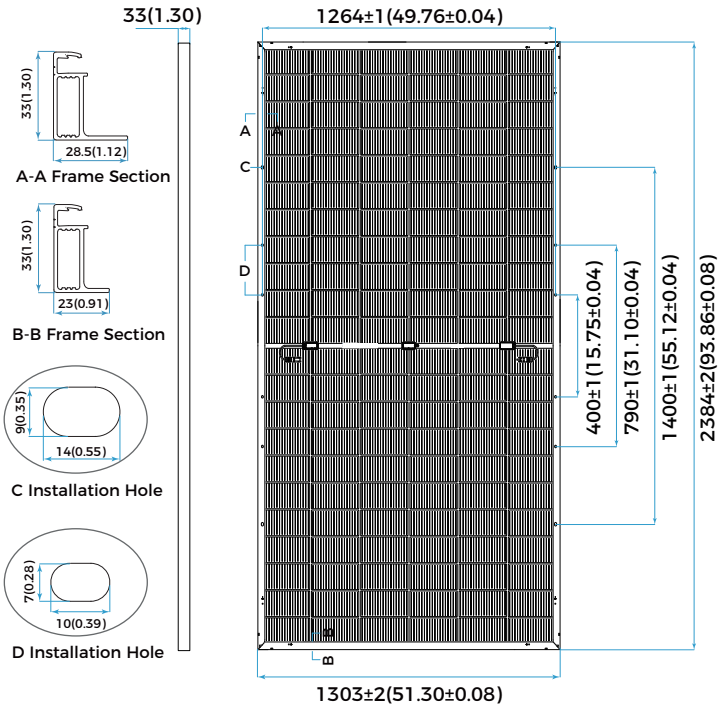
Mechanical Parameters

Solar Cell	Mono N-Type 210mm
No. of Cells	132 (6 × 22)
Dimensions	2384 × 1303 × 33mm(93.86 × 51.30 × 1.30in.)
Weight	38.3kg(84.44lbs)
Junction Box	IP68 rated (3 bypass diodes)
Output Cable	4mm² (IEC), 12 AWG(UL) +400/-200mm (+15.75/-7.87in.) or customized
Connector	PV-KST4-EVO2A/xy,PV KBT4-EVO2A/xy (Staubli) or PV-KST4-EVO 2/xy_UR,PV KBT4-EVO 2/xy_UR (Staubli)
Front Cover	2.0mm AR coated heat-strengthened glass
Back Cover	2.0mm heat-strengthened glass
Frame	Aluminum, silve anodized
Container	33 pcs/Pallet, 594pcs/40' HQ

Operating Parameters

Max. System Voltage	DC 1500V（IEC/UL）
Operating Temperature	-40˚C ~ +70˚C (-40°F ~ +158°F)
Max. Fuse Rating	35A
Front/Back Max. Loading	+5400Pa (+112lb/ft²)/-2400Pa (-50lb/ft²)
Bifaciality	Pm:80±5%, Voc:98±2%, Isc:80±5%.
Temperature rating	T98th 70˚C
Fire Resistance	IEC Class A/ UL type 29

Unit: mm(inch)



Electrical Characteristics - STC

Irradiance 1000 W/m², cell temperature 25 ˚C, AM-1.5, Tolerances: Pmax:±3%,Voc:±3%,Isc:±4%

Maximum Power at STC (Pmax/W)	725	720	715	710	705	700
Power Tolerance (W)	0 ~ +5					
Optimum Operating Voltage (Vmp/V)	41.48	41.29	41.10	40.90	40.69	40.49
Optimum Operating Current (Imp/A)	17.48	17.44	17.40	17.36	17.33	17.29
Open Circuit Voltage (Voc/V)	49.58	49.39	49.20	49.00	48.79	48.59
Short Circuit Current (Isc/A)	18.54	18.49	18.44	18.40	18.36	18.32
Module Efficiency	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, AM-1.5. Tolerances: Pmax:±3%,Voc:±3%,Isc:±4%

Maximum Power at BNPI (Pmax/W)	790	785	780	775	770	765
Optimum Operating Voltage (Vmp/V)	41.29	41.10	40.90	40.69	40.49	40.39
Optimum Operating Current (Imp/A)	19.19	19.15	19.11	19.07	19.03	19.01
Open Circuit Voltage (Voc/V)	49.51	49.32	49.12	48.91	48.71	48.56
Short Circuit Current (Isc/A)	20.38	20.33	20.28	20.24	20.20	20.18

Short Circuit Current - BSI

Irradiance: front 1000W/m², rear 300W/m².

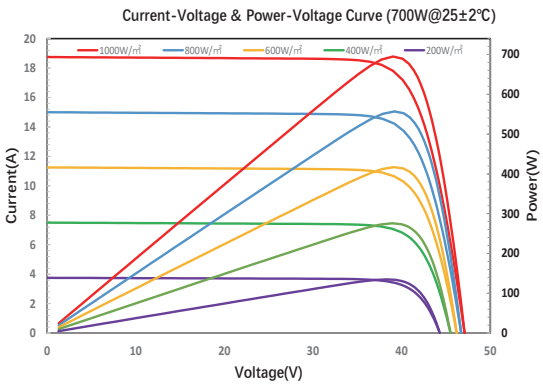
Short Circuit Current -BSI(Isc-BSI/A)	22.63	22.58	22.53	22.49	22.45	22.44

Rearside Power Gain (Reference to 700W Front)

Rearside Power Gain	5%	15%	25%
Maximum Power (Pmax/W)	735	805	875
Optimum Operating Voltage (Vmp/V)	39.42	39.52	39.52
Optimum Operating Current (Imp/A)	18.65	20.37	22.14
Open Circuit Voltage (Voc/V)	47.32	47.42	47.42
Short Circuit Current (Isc/A)	19.72	21.55	23.42
Module Efficiency	23.7%	25.9%	28.3%

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-AU-Ver25Q4

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