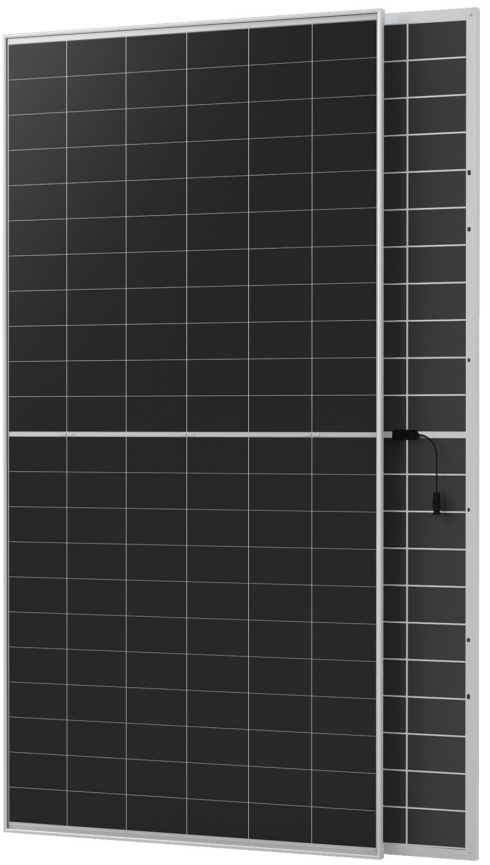
HuaYaoPV

Hyper B66

635~660W **HY660-B132EDD**

N-HYBC, Bi-facial
132-cell, Back-contact
0~+3% positive tolerance



KEY FEATURES

Back-contact
Applying back contact technology, effectively improve optical utilization efficiency, Reduce internal current loss, Obtain higher output power

More Power
Industry leading N-HYBC technology applied to generate ultra-high power up to 660Wp with optimized temperature coefficient and lower working temperature

High Reliability
Strict outsourcing BOM materials quality control and 100% in-house wafer and the HYBC cell performance boost the power warranty to 30 Year

Excellent Low-light Performance
Advanced N-HYBC solarcell technology allows for excellent performance in low-light environments

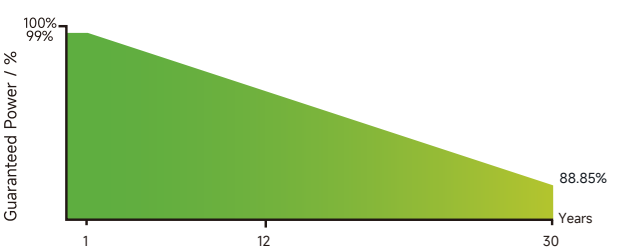
Highly Strengthened Design
Certified to withstand: 5400Pa snow load and 2400Pa wind load

PID Resistant
Excellent PID resistance performance optimized by unique cell process design and BOM material control

Fire resistance
Class of reaction to Class A

LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty
30 Year Linear Power Warranty



IEC 61215 , IEC 61730

TÜVRheinland CERTIFIED
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IEC 61730
Regular Production Surveillance
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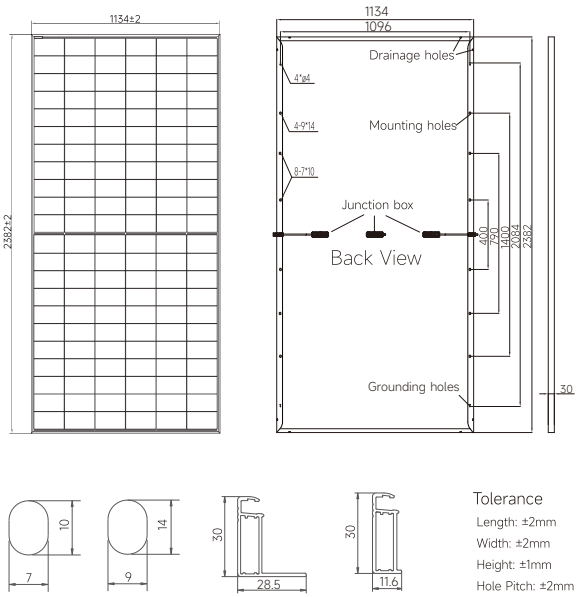
RECYCLABLE PACKAGING

WWW.HY-PV.COM

HY660-B132EDD

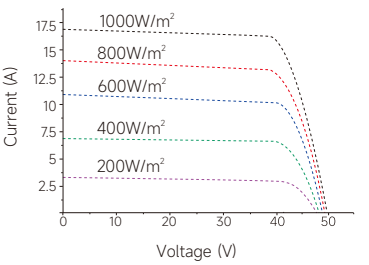
Hyper B66

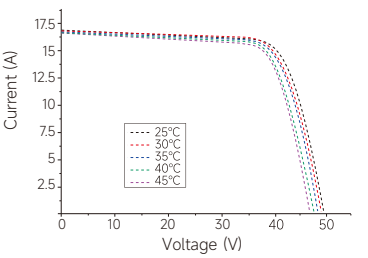
Engineering Drawings



Tolerance
Length: ±2mm
Width: ±2mm
Height: ±1mm
Hole Pitch: ±2mm

I-V Curves





Electrical Characteristics

	HY635-B132EDD	HY640-B132EDD	HY645-B132EDD	HY650-B132EDD	HY655-B132EDD	HY660-B132EDD
Pmax(W)	635	640	645	650	655	660
Vmp(V)	40.81	40.93	41.04	41.14	41.25	41.36
Imp(A)	15.56	15.64	15.72	15.80	15.88	15.96
Voc (V)	49.46	49.56	49.66	49.78	49.87	49.97
Isc(A)	16.27	16.35	16.43	16.50	16.58	16.66
Module efficiency(%)	23.51	23.69	23.88	24.06	24.25	24.43
Maximum system voltage(V)	1500					
Fuse Rating(A)	30					
Temperature coefficient Pmax(%/°C)	-0.26					
Temperature coefficient Isc(%/°C)	0.05					
Temperature coefficient Voc(%/°C)	-0.22					

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

Mechanical Characteristics

Number of cells	132pcs
Size of cell (mm)	182*105
Type of cell	N-IBC Mono
Thickness of glass (mm)	2.0
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	2382*1134*30mm
Weight (kg)	32.5
Cables/connectors	4mm², MC4 compatible
Length of Cable	Portrait:+300mm/-300mm

Working Characteristics

	HY635-B132EDD	HY640-B132EDD	HY645-B132EDD	HY650-B132EDD	HY655-B132EDD	HY660-B132EDD
Pmax(W)	487	491	495	499	503	507
Vmp(V)	38.51	38.64	38.74	38.87	39.00	39.10
Imp(A)	12.65	12.71	12.78	12.84	12.90	12.97
Voc(V)	46.99	47.09	47.19	47.31	47.40	47.48
Isc(A)	13.12	13.18	13.24	13.30	13.36	13.43
Power tolerance(%)	0~+3					
NOCT(°C)	44±2					

NOCT: Conditions:Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

Packing Configuration

Pieces per pallet	36
Size of packing (mm)	2390*1130*1250
Weight of packing (kg)	1210
Pieces per container	720
Size of container	40' HQ

Maximum Ratings

Operating Temperature(°C)	-40~85
Operating humidity(%)	5-85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

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Specifications included in this datasheet are subject to change without notice

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