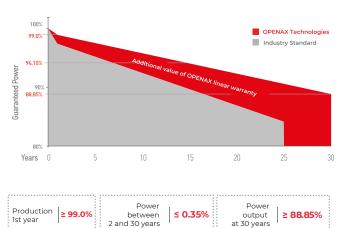




Standard tests	IEC 61215, IEC 61730
Factory quality testing	ISO 9001: 2015. ISO 14001: 2015
Certifications	Conformity to CE. PV CYCLE Fire safety Class C according to UL790
Wind and Snow Loads Testing	Module certified to withstand extreme wind [2400 Pascal] and snow loads [5400 Pascal)
Withstanding Hail	Maximum Diameter of 25 mm with impact speed of 23 m/s
Power Tolerance	Guaranteed +0/+5W [STC condition)
Warranties	 30-year limited product warranty 15-year manufacturer warranty on 94,10% of the nominal performance Linear power output warranty over 30 years



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OPENAX

N-TYPE MONOCRYSTALLINE HALF-CUT MODULE - BACK CONTACT TECHNOLOGY - DOUBLE

GLASS

OX-xxx-G10BVB108-01 (xxx=440-470)

Electrical performance

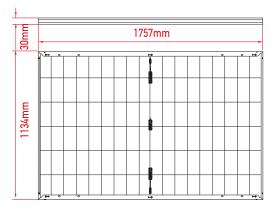
POWER CLASS (1)			4	40	4	50	45	55	46	50	46	5	47	0
Measurement condition			STC (2)	NMOT ⁽³⁾	STC	ΝΜΟΤ	STC	NMOT	STC	ΝΜΟΤ	STC	ΝΜΟΤ	STC	ΝΜΟΤ
Maximum power	Pmax	[Wp]	440	331	450	339	455	343	460	346	465	350	470	354
Voltage at Pmax	Vmp	[V]	34,38	32,47	34,50	32,58	34,56	32,64	34,62	32,69	34,68	32,75	34,74	32,81
Current at Pmax	Imp	[A]	12,80	10,22	13,05	10,41	13,17	10,51	13,29	10,61	13,41	10,71	13,54	10,80
Open Circuit Voltage	Voc	[V]	40,82	38,55	40,94	38,66	41,00	38,72	41,06	38,77	41,12	38,83	41,18	38,89
Short circuit current	lsc	[A]	13,92	11,26	14,12	11,42	14,22	11,50	14,25	11,52	14,29	11,55	14,32	11,58
Surface efficiency	Eff	[%]	22	,1	22	,6	22	,8	23	,1	23	,3	23	,6
Max. Reverse Current	Ir	[A]						25	;					
System voltage max	Vsys	[V]						1500 CE) (IEC)					

Measurement tolerances: Pmax (± 3%), Isc & Voc (± 3%) - Power classification 0/+5W
 STC (Standard Test Conditions): Irrandiance 1000W/m2 Cell Temperature 25°C, AM 1.5
 NMOT (Nominal Module Operating Temperature): Irrandiance 800W/m2 Ambient Temperature 20°C, AM

Mechanical characteristics

Dimensions	1775mm x 1134 x 30mm
Weight	24.5 Kg
Cells	N-Type 182mm x 91mm (2x54 Pcs) - G10
Front panel	2.0mm Tempered and low iron glass + ARC
Rear panel	2.0mm Tempered and low iron glass
Frame	Anodized aluminum alloy (Black)
Junction box	IP68 - 3 Bypass Diodes
Connectors	Compatible MC - EVO2
Cables	4 mm² - Length: 1200mm or can be customized

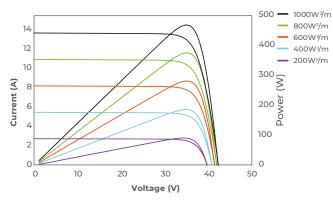
Dimensions



OPENAX assumes no responsibility for any typographical, formatting, misinformation misinformation, or any other errors or omissions contained herein.

I-V curve

Power loss in low-light environments: 200W/m² is less than 3%.



Thermal coefficients

Coeff./ Pmax	-0.26%/°C
Coeff./ Voc	-0.22%/°C
Coeff./ Isc	+0.05%/°C
Operating temperature	-40~+85 °C
Nominal module operating temperature (NMOT)	42 ± 2 °C

Packaging configuration

Container	40' (HC)
Pieces per Pallet	36
Pallets per Container	26
Pieces per Container	(36+36)x13=936 pcs

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