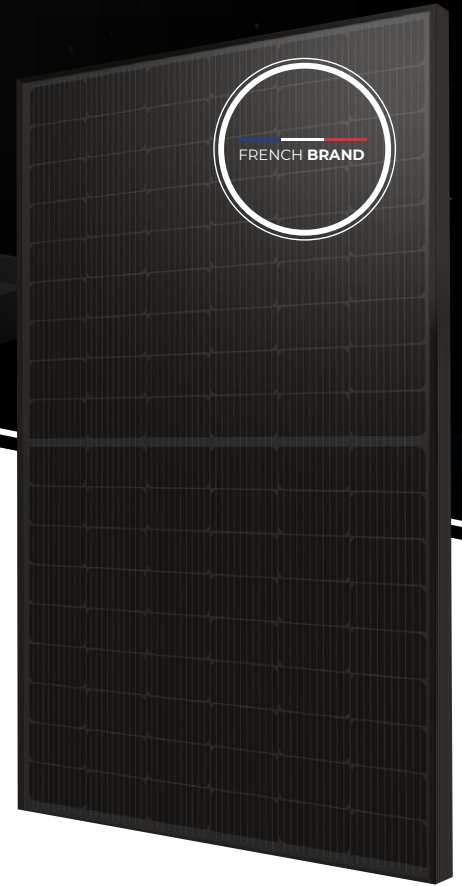


MONO CRYSTALLINE HALF-CUT MODULE


390 / 395 / 400 / 405 / 410 Watts




Half-Cut Series

Overview


Ground breaking technology; higher power output, improved system performance - the ideal solution for end users who want a fast turnaround on their investments. A fully certified premium quality and high efficiency module made with A Grade materials.



Guaranteed mechanical resistance to severe weather conditions



Positive Tolerance



100 % electroluminescence tested



Key benefits



Certified by Independent Engineering Bodies



Product Liability Insurance



Ultra High Power Output



25 Years Limited Product Warranty



Low Resistive Losses



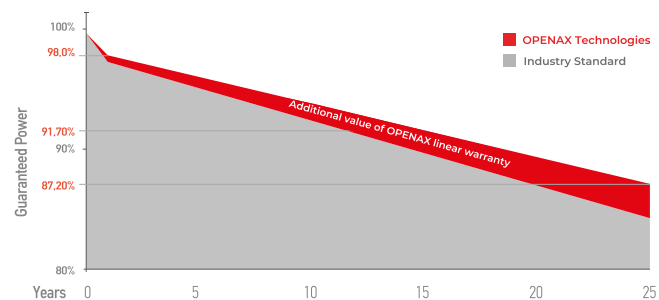
Low LCOE

Tests, Certifications and Guarantees

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]
Power Tolerance	Guaranteed +0/+5W [STC condition]

Warranties	<ul style="list-style-type: none"> 30-year limited product warranty 15-year manufacturer warranty on 94, 10% of the nominal performance Linear power output guarantee over 30 years
-------------------	--

Linear performance guarantees



Production 1st year	$\geq 98.0\%$	Power between 2 and 25 years	$\leq 0.45\%$	Power output at 25 years	$\geq 87.20\%$
---------------------	---------------	------------------------------	---------------	--------------------------	----------------

MONOCRYSTALLINE HALF-CUT MODULE

OX-xxx-M10HC108-01(xxx=390-410)

Electrical performance

POWER CLASS ⁽¹⁾			390		395		400		405		410	
Measurement condition			STC ⁽²⁾	NMOT ⁽³⁾	STC	NMOT	STC	NMOT	STC _T	NMOT	STC	NMO
Maximum power	Pmax	[Wp]	390	287	395	291	400	295	405	298	410	302
Voltage at Pmax	Vmp	[V]	30,64	28,56	30,84	28,75	31,04	28,93	31,2	29,12	31,44	29,3
Current at Pmax	Imp	[A]	12,73	10,06	12,81	10,12	12,89	10,19	12,97	10,25	13,05	10,31
Open Circuit Voltage	Voc	[V]	36,96	35,49	37,05	35,60	37,14	35,06	37,23	36,05	37,32	36,23
Short circuit current	Isc	[A]	13,61	10,86	13,7	10,95	13,79	11,04	13,88	11,12	13,97	11,2
Surface efficiency	Eff	[%]	19,97		20,23		20,48		20,74		21,00	
Max. Reverse Current	Ir	[A]	25									
System voltage max	Vsys	[V]	1500V CD (IEC)									

(1) Measurement tolerances: Pmax (± 3%), Isc & Voc (± 3%) - Power classification 0/+5W

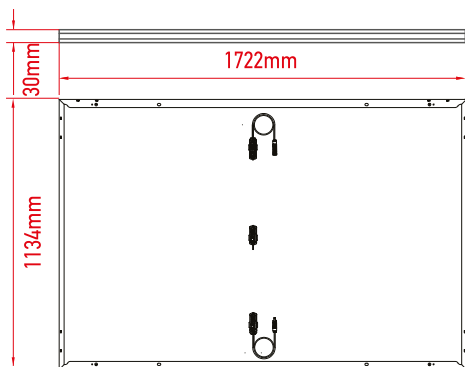
(2) STC (Standard Test Conditions): Irradiance 1000W/m² Cell Temperature 25°C, AM 1.5

(3) NMOT (Nominal Module Operating Temperature): Irradiance 800W/m² Ambient Temperature 20°C, AM

Mechanical characteristics

Dimensions	1722mm x 1134mm x 30mm
Weight	21.5 Kg
Cells	N-Type 182mm x 91mm (2x54 Pcs) - M10
Front panel	3.2mm Tempered and low iron glass + ARC
Rear Side	Anti-aging film (Black)
Frame	Anodized aluminum alloy (Black)
Junction box	IP68 - 3 Bypass Diodes
Connectors	Compatible MC4
Cables	Cross-section: 4mm ² - Length: 300mm or can be customized

Dimensions



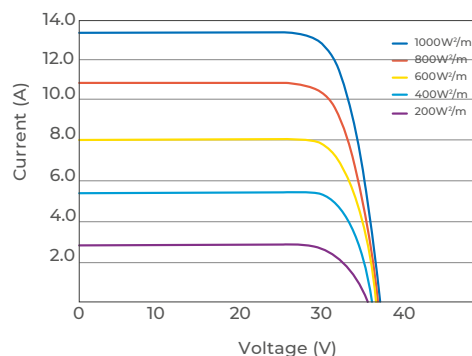
OPENAX assumes no responsibility for any typographical, formatting, misinformation, or any other errors or omissions contained herein.

www.openax.com

Specifications and key features described in this data sheet may vary slightly and are not guaranteed. Due to continuous product innovation, research and improvement, OPENAX reserves the right to make adjustments to the information described herein at any time and without notice. Please always obtain the most recent version of the technical data sheet, which must be duly incorporated into the contract.

I-V curve

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



Thermal coefficients

Coeff./ Pmax	-0.350% / °C
Coeff./ Voc	-0.275% / °C
Coeff./ Isc	-0.045% / °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