



OR10H460M

HALF CELL LINE



MODULO "HALF-CELL"

The 120-cell Half Cut module from the Import Line range combines the high production efficiency of half cell technology with an excellent quality/price ratio. The semi-configuration cell improves electrical distribution inside the panel for increase product yield. For these reasons the Half Cut by Import Line is suitable not only for industrial installations but also for residential and commercial installations.

30 YEARS LINEAR PRODUCTION GUARANTEE

25 YEAR PRODUCT WARRANTY



TECHNOLOGY MONO



PID FREE



REACTION TO FIRE: CLASS I



ANTI-REFLECTIVE GLASS



QBE INSURANCE

Civil Liability Insurance QBE Products

That



120 THIS
MONO 9BB / 10BB M10 HALF | PERC

182 x 91 mm / 7.16 x 3.58"

Cornice



COMPACT AND ROBUST | 30 mm

ANCHORABLE TOO
ON THE SHORT SIDE (5)

HALF CELL LINE

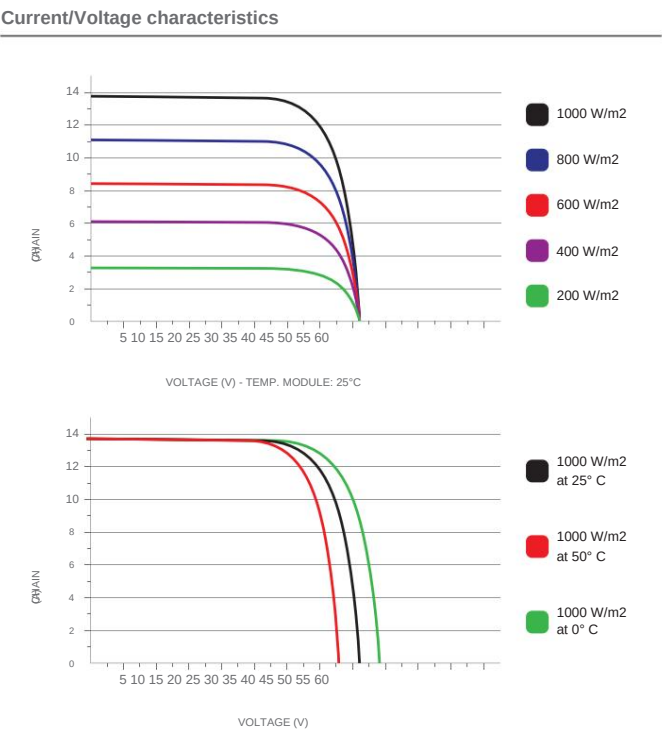
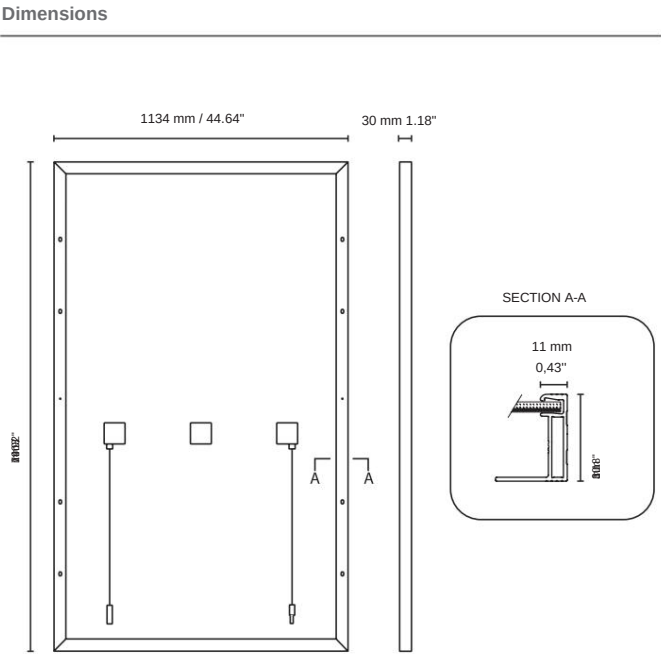
Electrical Characteristics (STC) (1)	OR10H460M
Peak power (Pmax) (2)	460 W
Classification tolerance	0/+5 W
Voltage at Pmax (Vmp)	34.89 V
Current at Pmax (Imp)	13.19 A
Open circuit voltage (Voc) (2)	41.78 V
Short circuit current (Isc) (2)	13.63 A
Maximum system voltage	1500 V
Maximum fuse rating	25 A
Module efficiency	21.32%
Electric shock protection class	Class II

Mechanical characteristics	
That	120 M10 HALF monocrystalline MIN
Cell dimensions	182 x 91 mm / 7.16 x 3.58"
Front Cover	3.2 mm / 0.13" thickness, tempered glass
Back Cover	TPT (Tedlar-PET-Tedlar)
Capsule	EVA (Ethylene Vinyl Acetate)
Cornice	Double thickness anodized aluminum alloy
Frame finishes	Silver
Finiture Backsheet	White
Diodes	3 Bypass Diodes
Junction Box	IP67 certified
Connectors	MC4 or compatible connectors
Cable Length	1300 mm / 51.18"
Cable section	4.0 mm² / 0.006 in²
Dimensions	1903 x 1134 x 30 mm / 74.92 x 44.64 x 1.18"
Weight	24 Kg / 52.91 lbs
Max Load (Test Load) - SF	5400 Pa - 1.5 (5)

Characteristics Temperature	
NMOT (3)	45±2 °C
Coeff. temp. of maximum power	-0.37 %/°C
Coeff. temp. of the short circuit	-0.28 %/°C
current Operating temperature	0.042 %/°C
	-40 °C ~ +85°C

Packaging (4)	
Pallet size	1935 x 1120 x 1260mm / 76.18 x 44.09 x 49.61"
Pallet panels	36
Weight	880 kg / 1940,07 lbs

Certifications	
Fire resistant	Fire reaction class: 1 (UNI 9177)
PID free	TUV PPP 58042B:2015 - IEC 62804-1:2015
Salt spray	IEC 61701:2011
Ammonia	IEC 62716:2013
Dust and Sand	TUV PPP 59022B:2021 - IEC 60068-2-68:1994
Product certificates	IEC 61215-1, IEC 61215-1-1, IEC 61215-2, IEC 61730-1, IEC 61730-2



1. STC: (Standard Test Condition) Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

2. Tolerance on Pmax, Voc, Isc measurement: ±3%

3. NMOT: (Nominal Module Operating Temp): Irradiance 800W/m², Ambient temp. 20°C, Wind speed 1m/s

4. The pallets can be stacked by a maximum of two

5. Refer to the installation manual for relevant mounting configurations