

OR10H375M (FR)

RED LINE | HALF CELL

 HALF-CELL MODULE

The 108 Half Cut module of the Import Line combines the high production efficiency of the half cell technology with an excellent quality / price ratio.

The half-cell configuration improves the electrical distribution inside the panel to increase the yield of the product.

The Red line blends perfectly into the surrounding environment, making it particularly suitable for installations in areas subject to landscape restrictions, without any disadvantages in terms of quality and efficiency.

30 YEAR LINEAR POWER WARRANTY
25 YEAR PRODUCT WARRANTY



PERC TECHNOLOGY



ANTI-REFLECTIVE GLASS



QBE INSURANCE
Product Liability Insurance QBE

Cells



108 CELLS
MONO gBB / 10BB M10 HALF | PERC

182 x 91 mm / 7,16 x 3,58"

Frame



COMPACT AND STURDY | 30 mm
RED (RAL 8015)

ANCHORABLE ALSO ON
THE SHORT SIDE ⁽⁵⁾

Glass



TREATMENT OF PIGMENTED
NANOPARTICLES

RED COLORING

Electrical Characteristics (STC) ⁽¹⁾

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Nominal Output (Pmax) ⁽²⁾	375 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	29.75 V
Current at Pmax (Imp)	12.61 A
Open Circuit Voltage (Voc) ⁽²⁾	36.29 V
Short Circuit Current (Isc) ⁽²⁾	13.25 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	25 A
Module Efficiency	19.20%
Protection class against electric shock	Class II

Mechanical Characteristics

Solar Cells	108 M10 HALF monocrystalline PERC
Solar Cells Size	182 x 91 mm / 7.16 x 3.58"
Front Cover	3.2 mm / 0.13" thick, low iron tempered glass
Back Cover	TPT (Tedlar-PET-Tedlar)
Encapsulant	EVA (Ethylene vinyl acetate)
Frame	Anodized aluminium alloy, double wall
Frame finishing	Red (RAL 8015)
Backsheet finishing	Black
Glass	Red (treatment of pigmented nanoparticles)
Diodes	3 Bypass diodes serviceable
Junction Box	IP67 rated
Connector	MC4 or compatible connector
Cables Length	1200 mm / 47.24"
Cables Section	4.0 mm ² / 0.006 in ²
Dimensions	1722 x 1134 x 30 mm / 67.79 x 44.64 x 1.18"
Weight	21.5 Kg / 47.40 lbs
Max Load (Test Load) - SF	5400 Pa - 15 ⁽³⁾

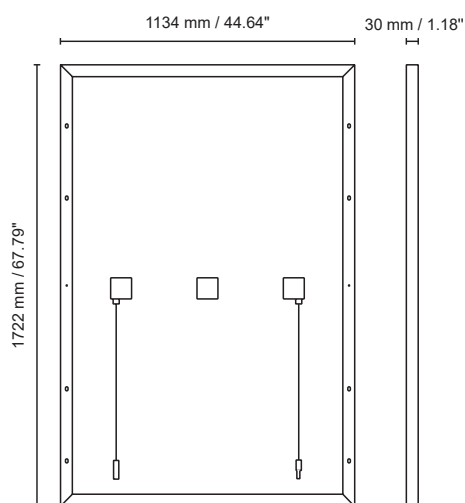
Temperature Characteristics

NMOT ⁽³⁾	45±2 °C
Temperature Coefficient of Pmax	-0.37 %/°C
Temperature Coefficient of Voc	-0.28 %/°C
Temperature Coefficient of Isc	0.042 %/°C
Operating Temperature	-40 °C - +85°C

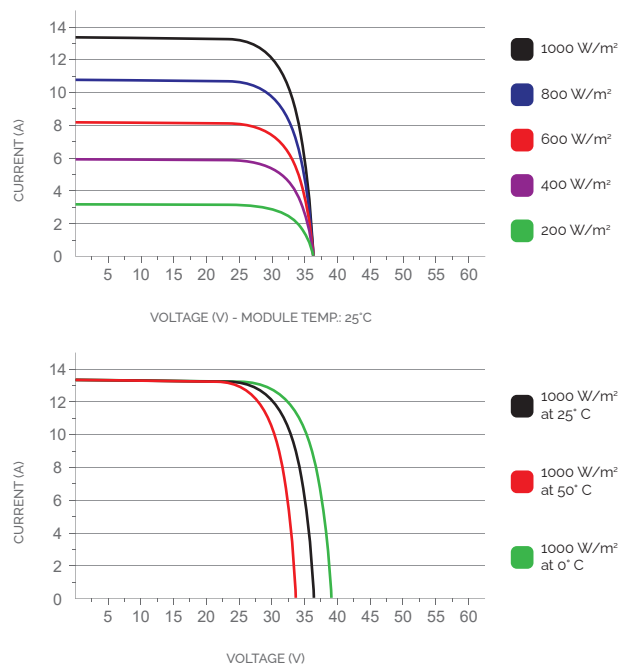
Packaging ⁽⁴⁾

Pallet dimensions	1755 x 1120 x 1260 mm / 69.09 x 44.09 x 49.61"
Pieces per pallet	36
Weight	791 kg / 1743.86 lbs

Dimensions



Current/Voltage Characteristics



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

2. Pmax, Voc, Isc measurement tolerance: ±3%

3. NMOT: Nominal Module Operating Temperature: Irradiance 800W/m², Air 20°C, Wind speed 1m/s

4. Pallets can be stacked up to two

5. Consult the installation manual for the relative mounting configurations