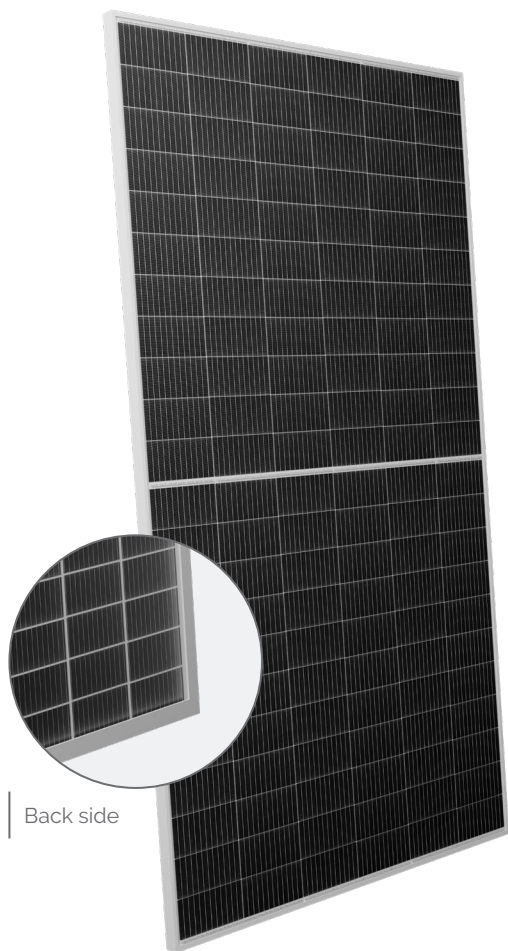




Back side

30 YEAR LINEAR POWER WARRANTY
25 YEAR PRODUCT WARRANTY



TOPCon BIFACIAL TECHNOLOGY



ANTI-REFLECTIVE GLASS



QBE INSURANCE
Product Liability Insurance QBE

OR12H715MNDB

OR SERIES

The 132-cell module ensures high production efficiency combined with an excellent quality/price ratio.

The optimized cell configuration guarantees better electrical distribution within the panel, thus increasing the overall performance of the product. In addition, this product uses **TOPCon double-sided technology**, which allows sunlight to be captured on both sides of the module, further increasing overall efficiency.

Ideal for industrial, residential, and commercial installations.

Cells



132 CELLS
MONO M12 HALF | N-TYPE

210 x 105 mm / 8.27 x 4.13"

Frame



COMPACT AND STURDY | 35 mm

ANCHORABLE ALSO ON
THE SHORT SIDE ⁽⁶⁾

Electrical Characteristics (STC) ⁽¹⁾**OR12H715MNDB**

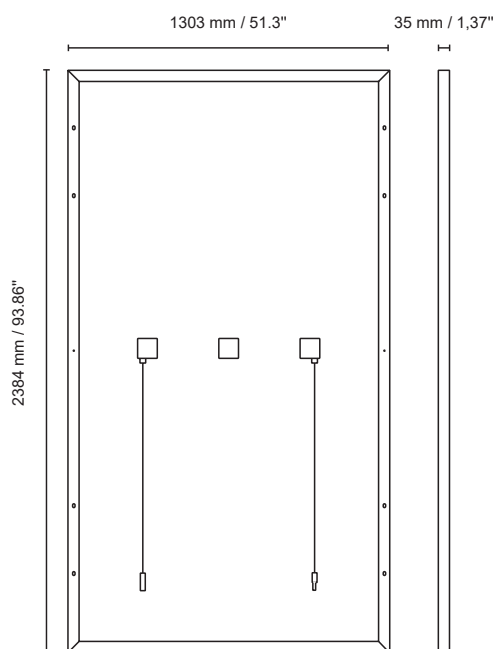
Nominal Output (Pmax) ⁽²⁾	715 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	41.06 V
Current at Pmax (Imp)	17.41 A
Open Circuit Voltage (Voc) ⁽²⁾	48.98 V
Short Circuit Current (Isc) ⁽²⁾	18.27 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	35 A
Module Efficiency	23.02 %
Protection class against electric shock	Class II

Electrical Characteristics with rear side power gain

Pmax gain	5%	10%	15%	20%	25%
Nominal Output (Pmax)	751 W	786 W	822 W	858 W	894 W
Voltage at Pmax (Vmp)	41.06 V	41.06 V	41.06 V	41.06 V	41.06 V
Current at Pmax (Imp)	18.28 A	19.15 A	20.02 A	20.89 A	21.76 A
Open Circuit Voltage (Voc)	48.98 V	48.98 V	48.98 V	48.98 V	48.98 V
Short Circuit Current (Isc)	19.18 A	20.10 A	21.01 A	21.92 A	22.84 A

Mechanical Characteristics

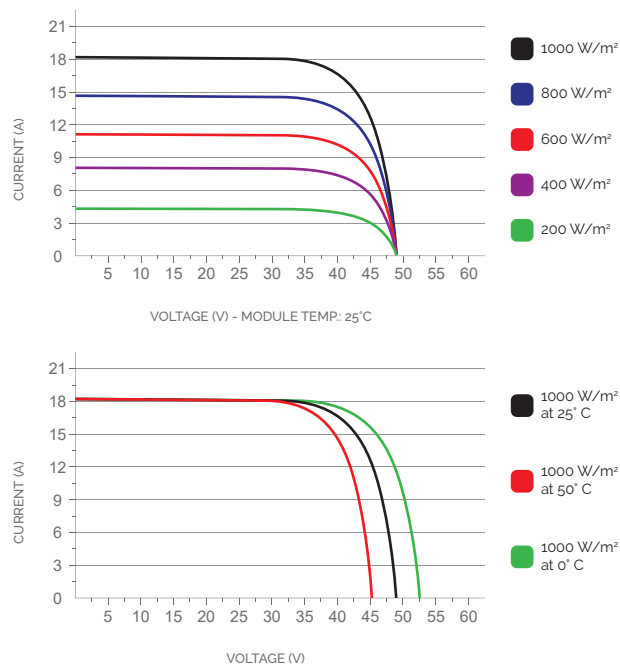
Solar Cells	132 M12 HALF monocrystalline N-TYPE
Solar Cells Size	210 x 105 mm / 8.27 x 4.13"
Front Cover	2.0 mm / 0.08" thick, low iron tempered glass
Back Cover	2.0 mm / 0.08" thick, low iron tempered glass
Encapsulant	EVA (Ethylene vinyl acetate)
Frame	Anodized aluminium alloy, double wall
Frame finishing	Silver
Diodes	3 Bypass diodes serviceable
Junction Box	IP68 rated
Connector	MC4 or compatible connector
Cables Length	1400 mm / 55.12"
Cables Section	4.0 mm ² / 0.006 in ²
Dimensions	2384 x 1303 x 35 mm / 93.86 x 51.3 x 1.37"
Weight	38.6 Kg / 85.1 lbs
Max Load (Test Load) - SF	5400 Pa - 1.5 ⁽⁴⁾

Dimensions**Temperature Characteristics**

NMOT ⁽³⁾	45±2 °C
Temperature Coefficient of Pmax	-0.30 %/°C
Temperature Coefficient of Voc	-0.25 %/°C
Temperature Coefficient of Isc	0.05 %/°C
Operating Temperature	-40 °C - +85°C

Packaging

Pallet dimensions	1348 x 1135 x 2524 mm / 53.1 x 44.68 x 99.4"
Pieces per pallet	31
Weight	1246 kg / 2747 lbs

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. Consult the installation manual for the relative mounting configurations