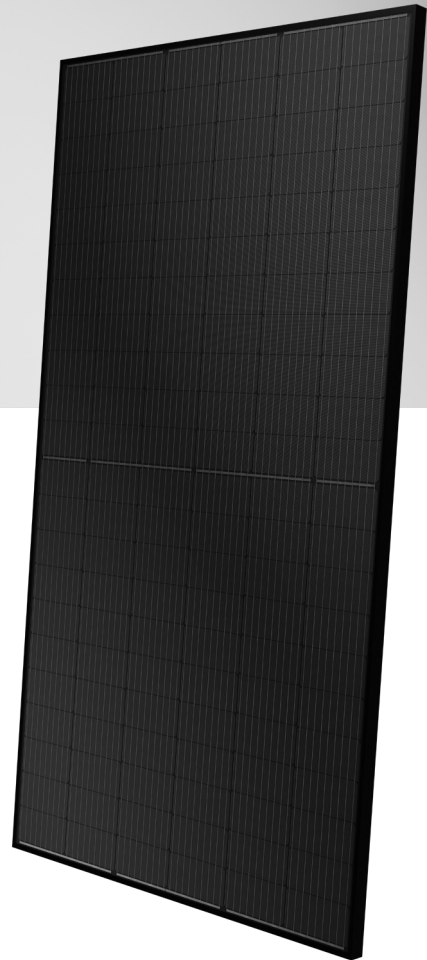


# DR10H500M (FB)

DR Series – 500 W

132 cells  
MONO M10 HALF | PERC



**PERC monofacial technology**



**Anti-reflective glass**

Maximum efficiency and high performance



**Compact and sturdy frame**

Anchorable also on the short side <sup>(5)</sup>



**30 years**

Linear power warranty

**25 years**

Product warranty



**QBE Insurance**

QBE Product Liability Insurance

QBE is a global leader in the insurance sector, offering comprehensive solutions for business risk management. With a worldwide network, it protects clients against a wide range of risks and provides flexible insurance solutions tailored to various industries, including the energy sector.

# DR10H500M (FB)

## Electrical Characteristics (STC) <sup>(1)</sup>

Nominal Output (Pmax) <sup>(2)</sup>	500 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	38,29 V
Current at Pmax (Imp)	13,06 A
Open Circuit Voltage (Voc) <sup>(2)</sup>	45,45 V
Short Circuit Current (Isc) <sup>(2)</sup>	13,93 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	25 A
Module Efficiency	21,06%
Protection class against electric shock	Class II

1. STC: (Standard Test Condition) Irradiance 1000 W/m<sup>2</sup>; Module Temperature 25 °C; Air Mass 1.5  
 2. Pmax, Voc, Isc measurement tolerance: ±3%

## Mechanical Characteristics

Solar Cells	132 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	Black
Backsheet finishing	Black
Diodes	3 Bypass diodes serviceable
Junction Box	IP68 rated
Connector	MC4 or compatible connector
Cables Length	1200 mm / 47,24"
Cables Section	4,0 mm <sup>2</sup> / 0,006 in <sup>2</sup>
Dimensions	2094 x 1134 x 35 mm / 82,44 x 44,64 x 1,38"
Weight	26 Kg / 57,3 lbs
Max Load (Test Load) - SF	5400 Pa - 1,5 <sup>(5)</sup>

5. Consult the installation manual for the relative mounting configurations

## Temperature Characteristics

NMOT <sup>(3)</sup>	43±2 °C
Temperature Coefficient of Pmax	-0,29 %/°C
Temperature Coefficient of Voc	-0,25 %/°C
Temperature Coefficient of Isc	0,046 %/°C
Operating Temperature	-40 °C ~ +85 °C

3. NMOT: Nominal Module Operating Temperature; Irradiance 800 W/m<sup>2</sup>; Air 20 °C; Wind speed 1 m/s

## Packaging <sup>(4)</sup>

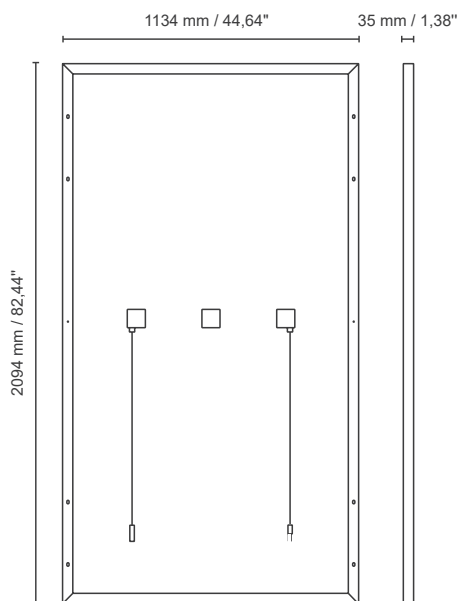
Pallet dimensions	2175 x 1155 x 1145 mm / 85,63 x 45,47 x 45,08"
Pieces per pallet	31
Weight	820 kg / 1807,8 lbs

4. Pallets can be stacked up to two

## Certifications

Fire Performance Rating	Type 4
Product Certificate	UL 61730

## Dimensions



## Current/Voltage Characteristics

