

MBB PERC BIFACIAL MODULE

480W-485W-490W



● MBB PERC BIFACIAL MODULE

High Performance Half-Cut Cells
With Transparent Backsheet
Photovoltaic Modules

● KEY FEATURES

-  MBB 1/2 Cut Bifacial Cell Technology
-  Lower Risk Of HotSpot
-  Higher Power Output
-  High Snow (5400Pa) and Wind Loads (2400Pa)
-  Triple EL Inspection
-  Excellent Low Light Performance
-  Excellent PID Resistance

● LINEAR HIGH PERFORMANCE GUARANTEED

12 Years Product Warranty on 91.95%
of the Nominal Performance

25 Years Linear Power Output Warranty on 84.80%
of the Nominal Performance



According to Ifri-sol product and performance warranty

● CERTIFICATIONS

Management system TÜV-Certified
ISO 9001:2015: ID 011001317684
ISO 14001: 2015: ID 011041317684
ISO 45001:2018: ID 011131815622



Electrical Specification

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})	Module Conversion Efficiency
IF-HTM480-96	480 Wp	27.88 V	17.22 A	37.90 V	18.09 A	21.05%
IF-HTM485-96	485 Wp	28.12 V	17.26 A	38.01 V	18.11 A	21.27%
IF-HTM490-96	490 Wp	28.36 V	17.28 A	38.31 V	18.13 A	21.49%

Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5 Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})
IF-HTM480-96	358.82 Wp	26.04 V	13.77 A	31.64 V	14.48 A
IF-HTM485-96	362.75 Wp	26.27 V	13.80 A	31.73 V	14.50 A
IF-HTM490-96	366.27 Wp	26.49 V	13.82 A	32.13 V	14.52 A

Electrical Data At NMOT: 800W/m² Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

Design

Front Glass	3.2mm High transmission Low Iron Tempered Glass AR Coated
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	MBB PERC Bifacial /210 mm X 105mm - 96Pcs
Backside	Transparent Composite Film
Frame	35 mm Anodized Aluminum Alloy Type 6005-T6 (Silver/Black)

Temperature Coefficients

voltage U _{oc} (β)	-0.26%/°C
Current I _{sc} (α)	+0.05%/°C
Output Power(γ)	-0.34%/°C
NMOT	43±2°C

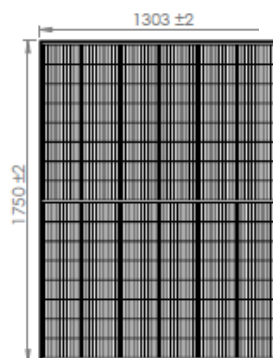
Operating conditions

Maximum System Voltage	1500 VDC
Maximum Series Fuse	30 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

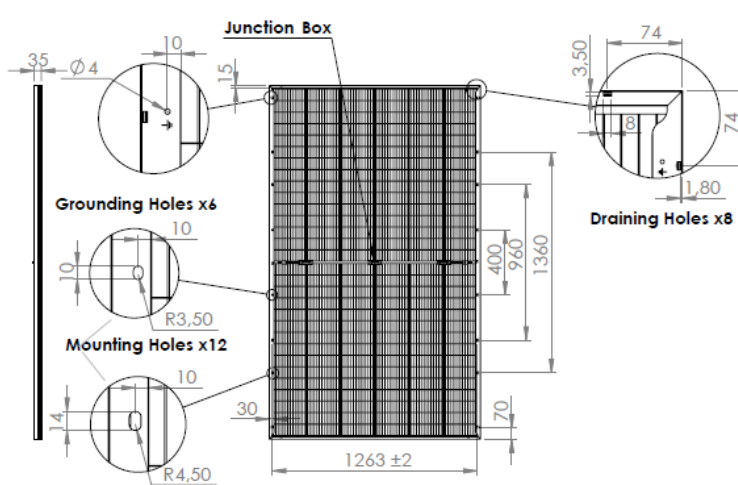
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 350mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



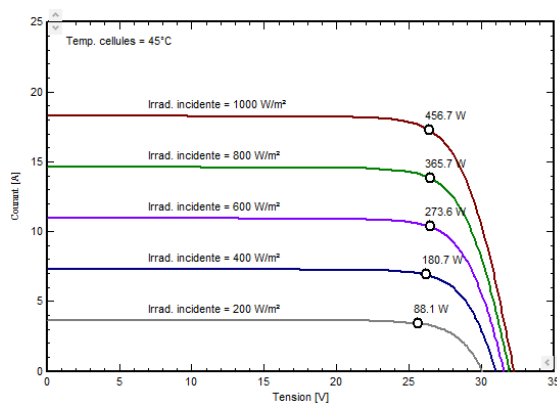
Front



Side

Back

Current-Voltage/Power-Voltage Curves, IF-HTM490-96



Mechanical Specification

Dimensions (LxWxH)	1750mm x 1303 mm x 35 mm (±2mm)
Weight	25,5 Kg

Packaging specification

Dimensions (LxWxH)	1325mm x 1150mm x 1890mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	558
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MBB PERC BIFACIAL MODULE

500W-505W-510W



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Photovoltaic Modules

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25 Years Linear Power Output Warranty on 84.80%
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● CERTIFICATIONS

Management system TÜV-Certified
ISO 9001:2015: ID 011001317684
ISO 14001: 2015: ID 011041317684
ISO 45001:2018: ID 011131815622



Electrical Specification

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})	Module Conversion Efficiency
IF-HTM500-100	500Wp	29.05 V	17.22 A	35.18 V	18.10 A	20.99%
IF-HTM505-100	505 Wp	29.30 V	17.26 A	35.40 V	18.13 A	21.20%
IF-HTM510-100	510 Wp	29.52 V	17.28 A	35.65 V	18.15 A	21.41%

Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5 Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})
IF-HTM500-100	373.78 Wp	27.13 V	13.77 A	32.95 V	14.48 A
IF-HTM505-100	377.87 Wp	27.36 V	13.80 A	33.05 V	14.50 A
IF-HTM510-100	381.21 Wp	27.57 V	13.82 A	33.47 V	14.52 A

Electrical Data At NMOT: 800W/m² Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

Design

Front Glass	3.2mm High transmission Low Iron Tempered Glass AR Coated
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	MBB PERC Bifacial /210 mm X 105mm - 100Pcs
Backside	Transparent Composite Film
Frame	35 mm Anodized Aluminum Alloy Type 6005-T6 (Silver/Black)

Temperature Coefficients

voltage U _{oc} (β)	-0.26%/°C
Current I _{sc} (α)	+0.05%/°C
Output Power(γ)	-0.34%/°C
NMOT	43±2°C

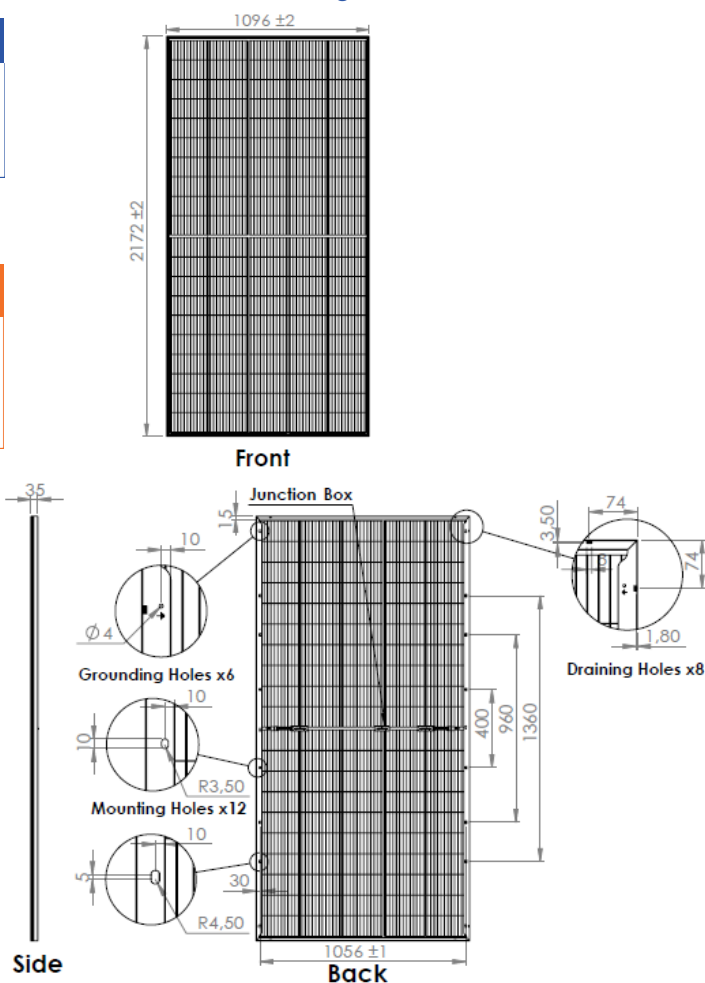
Operating conditions

Maximum System Voltage	1500 VDC
Maximum Series Fuse	30 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

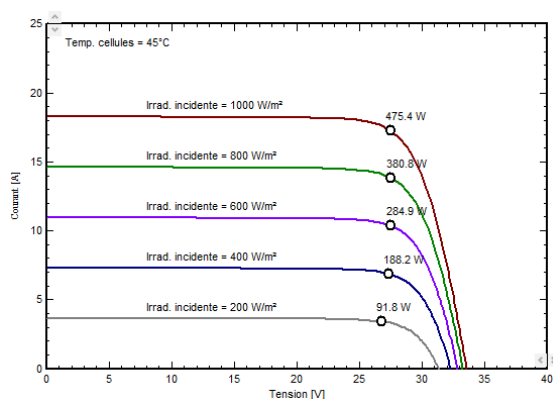
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 350mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



Current-Voltage/Power-Voltage Curves, IF-HTM510-100



Mechanical Specification

Dimensions (LxWxH)	2173mm x 1096 mm x 35 mm (±2mm)
Weight	27 Kg

Packaging specification

Dimensions (LxWxH)	2200mm x 1150mm x 1236mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	620
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MBB PERC BIFACIAL MODULE

545W-550W-555W



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ISO 9001:2015: ID 011001317684
ISO 14001: 2015: ID 011041317684
ISO 45001:2018: ID 011131815622



Electrical Specification

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})	Module Conversion Efficiency
IF-HTM545-108	545 Wp	31.64 V	17.26 A	37.90 V	18.12 A	21.32%
IF-HTM550-108	550 Wp	31.68 V	17.28 A	38.01 V	18.13 A	21.51%
IF-HTM555-108	555 Wp	32.07 V	17.31 A	38.31 V	18.15 A	21.71%

Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5 Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})
IF-HTM545-108	408.10 Wp	29.55 V	13.80 A	35.59 V	14.49 A
IF-HTM550-108	411.36 Wp	29.75 V	13.82 A	35.69 V	14.50 A
IF-HTM555-108	414.87 Wp	29.95 V	13.84 A	35.97 V	14.52 A

Electrical Data At NMOT: 800W/m² Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

Design

Front Glass	3.2mm High transmission Low Iron Tempered Glass AR Coated
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	MBB PERC Bifacial /210 mm X 105mm - 108Pcs
Backside	Transparent Composite Film
Frame	35 mm Anodized Aluminum Alloy Type 6005-T6 (Silver/Black)

Temperature Coefficients

voltage U _{oc} (β)	-0.26%/°C
Current I _{sc} (α)	+0.05%/°C
Output Power(γ)	-0.34%/°C
NMOT	43±2°C

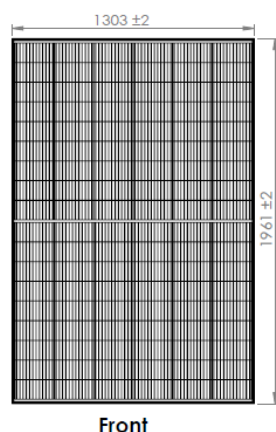
Operating conditions

Maximum System Voltage	1500 VDC
Maximum Series Fuse	30 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

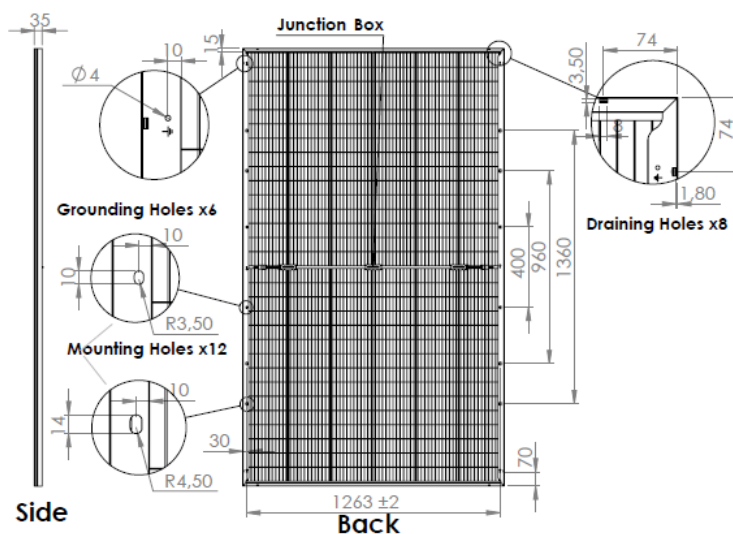
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 350mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



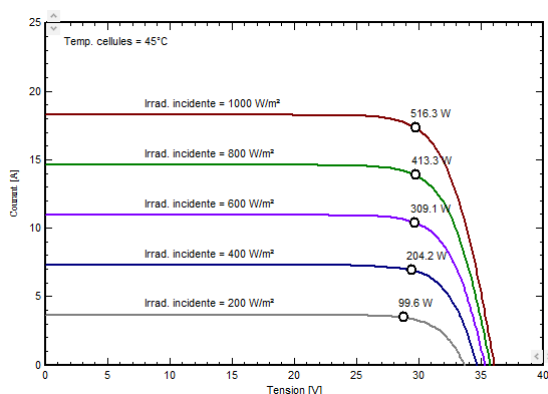
Front



Side

Back

Current-Voltage/Power-Voltage Curves, IF-HTM555-108



Mechanical Specification

Dimensions (LxWxH)	1961mm x 1303 mm x 35 mm (±2mm)
Weight	28,5 Kg

Packaging specification

Dimensions (LxWxH)	1325mm x 1150mm x 2110mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	558
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MBB PERC MONOFACIAL MODULE

405W-410W-415W



- **MBB PERC MONOFACIAL MODULE**
High Performance Half-Cut Cells
With White Backsheet Photovoltaic Modules

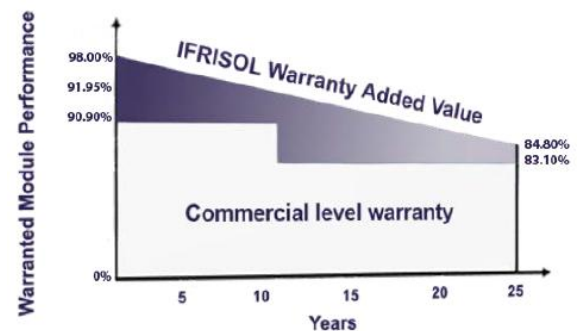
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25 Years Linear Power Output Warranty on **84.80%** of the Nominal Performance



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Management system TÜV-Certified
ISO 9001:2015: ID 011001317684
ISO 14001: 2015: ID 011041317684
ISO 45001:2018: ID 011131815622



Electrical Specification

Module Type	Nominal Power Pmp	Nominal Voltage Ump	Nominal Current Imp	Open Circuit Voltage (Uoc)	Short Circuit Current (Isc)	Module Conversion Efficiency
IF-HWM405-108	405 Wp	31.25 V	12.97 A	37.24 V	13.85 A	20.87%
IF-HWM410-108	410 Wp	31.44 V	13.05 A	37.48V	13.93 A	21.13%
IF-HWM415-108	415 Wp	31.63 V	13.13 A	37.72 V	14.01 A	21.39 %

Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5g Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

Module Type	Nominal Power Pmpp	Nominal Voltage Umpp	Nominal Current Impp	Open Circuit Voltage (Uoc)	Short Circuit Current (Isc)
IF-HWM405-108	302.2 Wp	29.21 V	10.35 A	35.13 V	11.16 A
IF-HWM410-108	305.9 Wp	29.33V	10.43 A	35.32 V	11.24 A
IF-HWM415-108	310.2 Wp	29.58 V	10.49 A	35.51V	11.31 A

Electrical Data At NMOT: 800W/m² Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed.
Manufacturing Tolerance (Pmax,Voc,Isc) : ±3%

Design

Front Glass	3.2mm High transmission Low Iron Tempered GlassAR Coated
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	MBB PERC Bifacial /182 mm X 91mm - 108 Pcs
Backside	White or Black Composite Film
Frame	35 mm Anodized Aluminum Alloy Type 6063-T6 (Silver/Black)

Temperature Coefficients

voltage $U_{oc}(\beta)$	$-0.26\%/^{\circ}\text{C}$
Current $I_{sc}(a)$	$+0.05\%/^{\circ}\text{C}$
Output Power(γ)	$-0.35\%/^{\circ}\text{C}$
NMOT	$43\pm 2^{\circ}\text{C}$

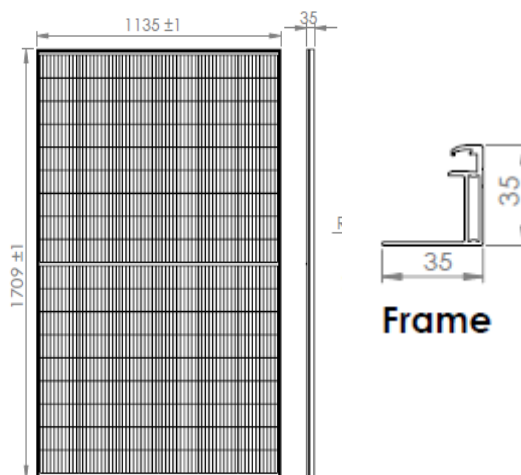
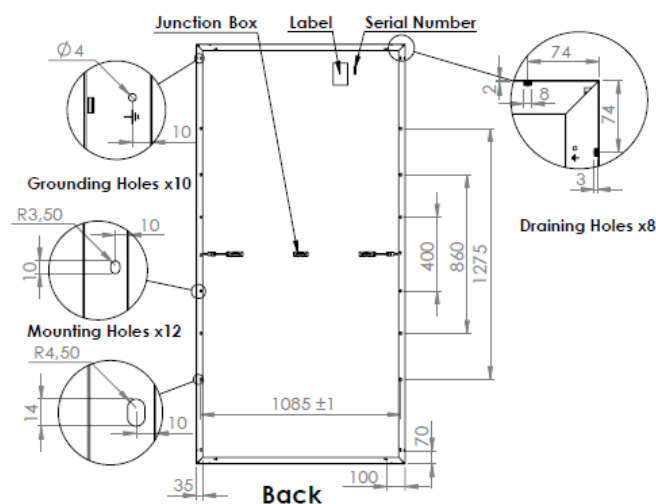
Operating conditions

Maximum System Voltage	1500 VDC
Maximum Series Fuse	25 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

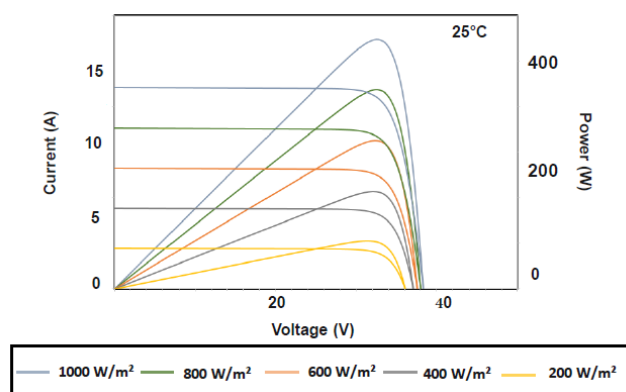
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 300mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



Current-Voltage/Power-Voltage Curves, IF-HWM400-108



Mechanical Specification

Dimensions (LxWxH)	1709 mm x 1135 mm x 35 mm (±2mm)
Weight	21.4 Kg

Packaging specification

Dimensions (LxWxH)	1730mm x 1150mm x 1265mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	806
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MBB PERC MONOFACIAL MODULE

455W-460W-465W



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Management system TÜV-Certified
ISO 9001:2015: ID 011001317684
ISO 14001: 2015: ID 011041317684
ISO 45001:2018: ID 011131815622



Electrical Specification

Module Type	Nominal Power P _{mpp}	Nominal Voltage U _{mpp}	Nominal Current I _{mpp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})	Module Conversion Efficiency
IF-HWM455-120	455 W _p	34.93 V	13.04 A	41.64 V	13.93 A	21.19%
IF-HWM460-120	460 W _p	35.14 V	13.13 A	41.91 V	14.01 A	21.42%
IF-HWM465-120	465 W _p	35.35 V	13.22 A	42.18 V	14.09 A	21.65%

Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5g Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

Module Type	Nominal Power P _{mpp}	Nominal Voltage U _{mpp}	Nominal Current I _{mpp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})
IF-HWM455-120	339.9 Wp	32.56 V	10.42 A	39.24 V	11.24 A
IF-HWM460-120	344.7 Wp	32.78 V	10.47 A	39.46 V	11.31 A
IF-HWM465-120	349.7 Wp	33.01 V	10.56 A	39.73V	11.39 A

Electrical Data At NMOT: 800W/m² Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed.
Manufacturing Tolerance (Pmax,Voc,Isc) : ±3%

Design

Front Glass	3.2mm High transmission Low Iron Tempered GlassAR Coated
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	MBB PERC Bifacial /182 mm X 91mm - 120Pcs
Backside	White or Black Composite Film
Frame	35 mm Anodized Aluminum Alloy Type 6063-T6 (Silver/Black)

Temperature Coefficients

voltage $U_{oc}(\beta)$	-0.26%/°C
Current $I_{sc}(n)$	+0.05%/°C
Output Power(γ)	-0.35%/°C
NMOT	43±2°C

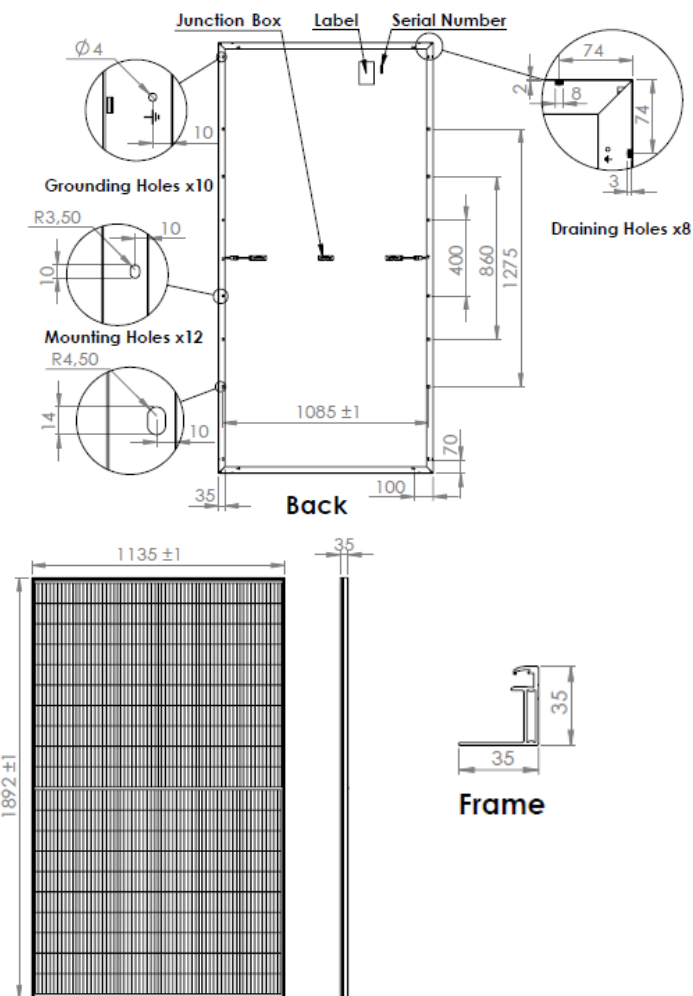
Operating conditions

Maximum System Voltage	1500 VDC
Maximum Series Fuse	25 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

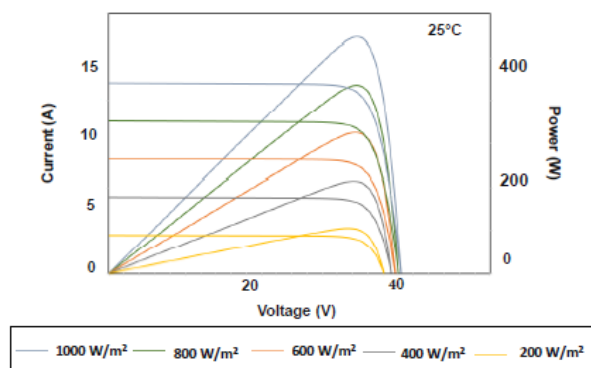
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 300mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



Current-Voltage/Power-Voltage Curves, IF-HWM455-120



Mechanical Specification

Dimensions (LxWxH)	1892mm x 1135 mm x 35 mm (±2mm)
Weight	23 Kg

Packaging specification

Dimensions (LxWxH)	1920mm x 1150mm x 1265mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	744
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MBB PERC MONOFACIAL MODULE

500W-505W-510W



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Electrical Specification

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})	Module Conversion Efficiency
IF-HWM500-132	500 Wp	38.42 V	13.05 A	45.80 V	13.93 A	21.23%
IF-HWM505-132	505 Wp	38.59 V	13.13 A	46.09 V	14.01 A	21.44%
IF-HWM510-132	510 Wp	38.76 V	13.21 A	46.38 V	14.09 A	21.65%

Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5g Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

Module Type	Nominal Power P _{mp}	Nominal Voltage U _{mp}	Nominal Current I _{mp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})
IF-HWM500-132	373.9 Wp	35.81 V	10.42 A	43.17 V	11.24 A
IF-HWM505-132	379.1 Wp	36.06 V	10.47 A	43.40 V	11.31 A
IF-HWM510-132	379.1 Wp	36.15 V	10.58 A	43.75 V	11.40 A

Electrical Data At NMOT: 800W/m² Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

Design

Front Glass	3.2mm High transmission Low Iron Tempered Glass AR Coated
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	MBB PERC Bifacial /182 mm X 91mm - 132Pcs
Backside	White or Black Composite Film
Frame	35 mm Anodized Aluminum Alloy Type 6063-T6 (Silver/Black)

Temperature Coefficients

voltage U _{oc} (β)	-0.26%/°C
Current I _{sc} (α)	+0.05%/°C
Output Power(γ)	-0.35%/°C
NMOT	43±2°C

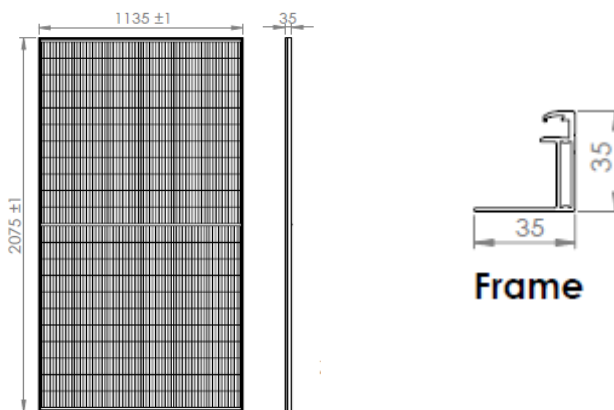
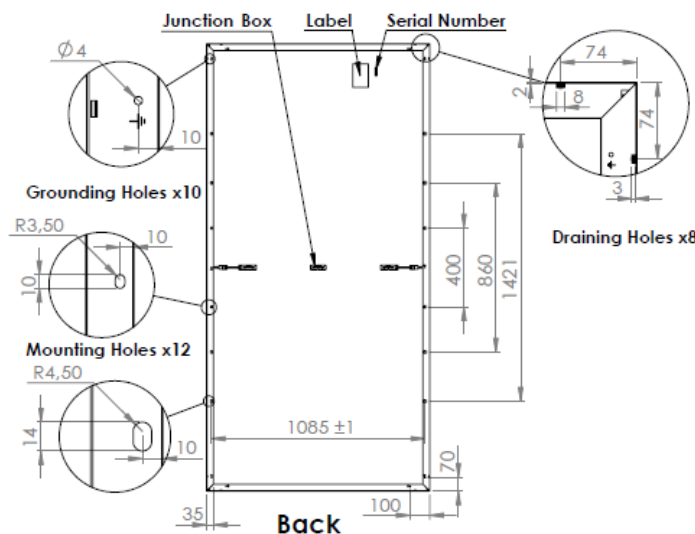
Operating conditions

Maximum System Voltage	1500 VDC
Maximum Series Fuse	25 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

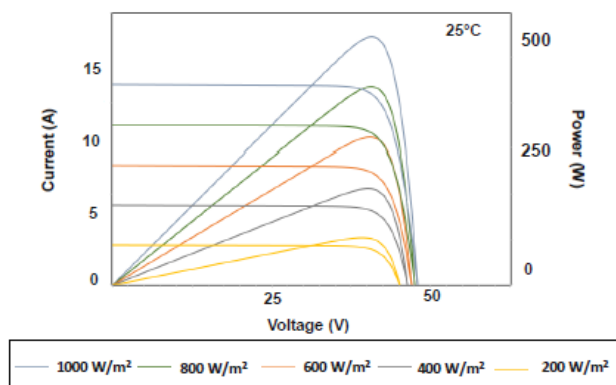
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 300mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



Current-Voltage/Power-Voltage Curves, IF-HWM500-132



Mechanical Specification

Dimensions (LxWxH)	2075mm x 1135 mm x 35 mm (±2mm)
Weight	25.5 Kg

Packaging specification

Dimensions (LxWxH)	2100mm x 1150mm x 1265mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	682
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MBB PERC BIFACIAL MODULE

405W-410W-415W



- **MBB PERC BIFACIAL MODULE**
High Performance Half-Cut Cells
With transparent Backsheet
Photovoltaic Modules

● KEY FEATURES

-  MBB 1/2 Cut Bifacial Cell Technology
-  Lower Risk Of HotSpot
-  Higher Power Output
-  High Snow (5400Pa) and Wind Loads (2400Pa)
-  Triple EL Inspection
-  Excellent Low Light Performance
-  Excellent PID Resistance

● LINEAR HIGH PERFORMANCE GUARANTEED

12 Years Product Warranty on 91.95%
of the Nominal Performance

25 Years Linear Power Output Warranty on 84.80%
of the Nominal Performance



According to Ifri-sol product and performance warranty

● CERTIFICATIONS

Management system TÜV-Certified
ISO 9001:2015: ID 011001317684
ISO 14001: 2015: ID 011041317684
ISO 45001:2018: ID 011131815622



Electrical Specification

Module Type	Nominal Power P _{mpp}	Nominal Voltage U _{mpp}	Nominal Current I _{mpp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})	Module Conversion Efficiency
IF-HTM405-108	405 Wp	31.25 V	12.97 A	37.24 V	13.85 A	20.87%
IF-HTM410-108	410 Wp	31.44 V	13.05 A	37.48 V	13.93 A	21.13%
IF-HTM415-108	415 Wp	31.63 V	13.13 A	37.72 V	14.01 A	21.39%

Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5g Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

Module Type	Nominal Power P _{mpp}	Nominal Voltage U _{mpp}	Nominal Current I _{mpp}	Open Circuit Voltage (U _{oc})	Short Circuit Current (I _{sc})
IF-HTM405-108	302.2 Wp	29.21 V	10.35 A	35.13 V	11.16 A
IF-HTM410-108	305.9 Wp	29.33 V	10.43 A	35.32 V	11.24 A
IF-HTM415-108	310.2 Wp	29.58 V	10.49 A	35.51 V	11.31 A

Electrical Data At NMOT: 800W/m² Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

Design

Front Glass	3.2mm High transmission Low Iron Tempered Glass AR Coated
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	MBB PERC Bifacial /182 mm X 91mm - 108 Pcs
Backside	Transparent Composite Film
Frame	35 mm Anodized Aluminum Alloy Type 6063-T6 (Silver/Black)

Temperature Coefficients

voltage U _{oc} (β)	-0.26%/°C
Current I _{sc} (α)	+0.05%/°C
Output Power(γ)	-0.35%/°C
NMOT	43±2°C

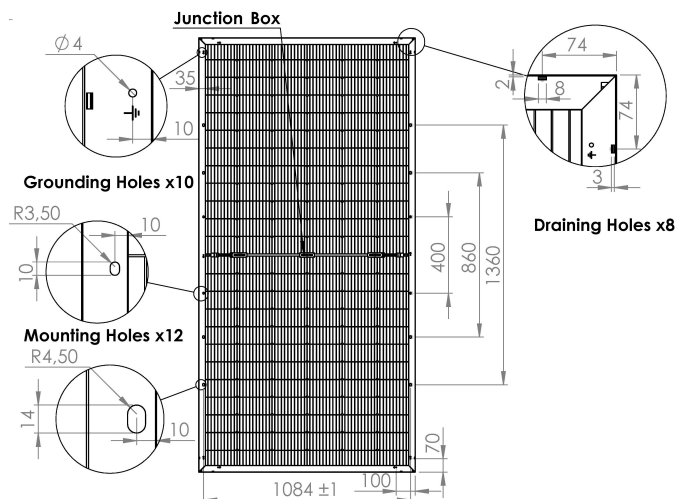
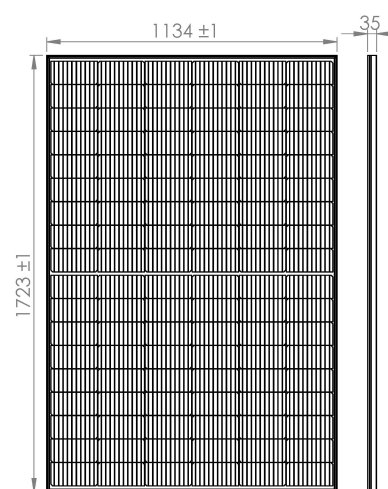
Operating conditions

Maximum System Voltage	1500 VDC
Maximum Series Fuse	25 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

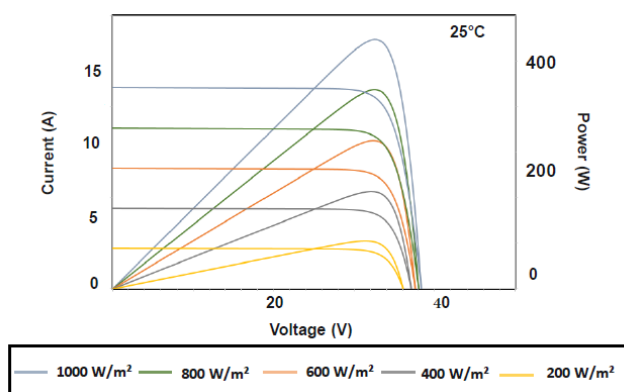
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 300mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



Current-Voltage/Power-Voltage Curves, IF-HTM400-108



Mechanical Specification

Dimensions (LxWxH)	1723 mm x 1134 mm x 35 mm (±2mm)
Weight	21.4 Kg

Packaging specification

Dimensions (LxWxH)	1743mm x 1150mm x 1265mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	806
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MBB PERC BIFACIAL MODULE

405W-410W-415W



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Electrical Data At STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5g Spectrum According to EN 60904-3. Manufacturing Tolerance (P_{max},V_{oc},I_{sc}) : ±3%

NMOT

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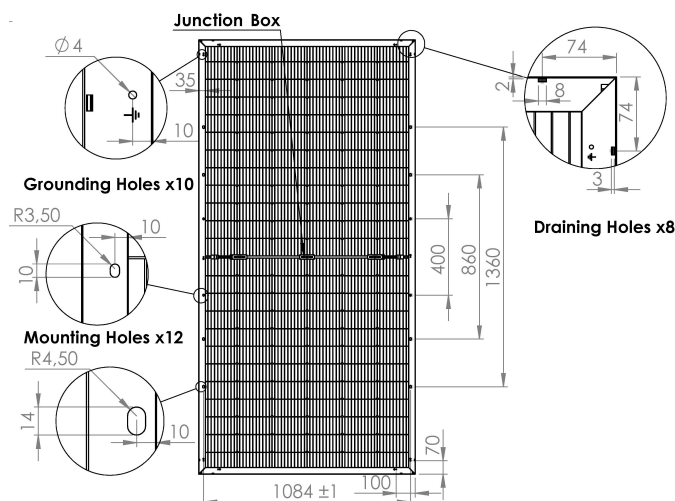
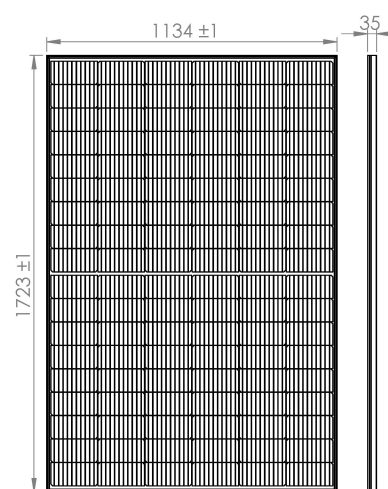
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Maximum Series Fuse	25 A
Operating Temperature Range	From -40°C to 85°C
Mechanical Load test (Front/Back)	5400Pa/2400Pa

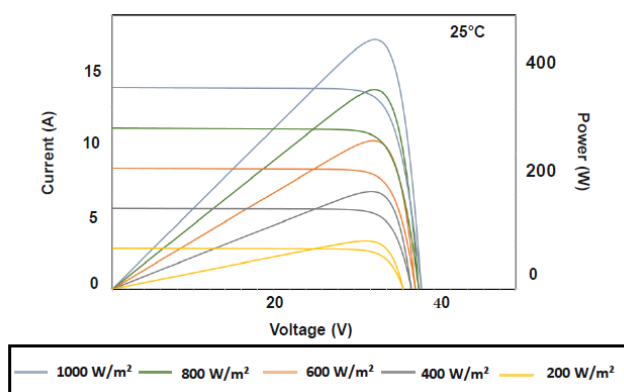
Power Connection

Junction Box	3xIP68 Junction Box With Bypass Diodes
Solar Cable	Length 300mm, 4mm ² Prefabricated with Latching Type Connectors
Safety Class	Class II (According to IEC 61140)

Technical drawing



Current-Voltage/Power-Voltage Curves, IF-HTM400-108



Mechanical Specification

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Weight	21.4 Kg

Packaging specification

Dimensions (LxWxH)	1743mm x 1150mm x 1265mm	Modules Qty per Carton	31	Modules Qty per Container 40'HC	806
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