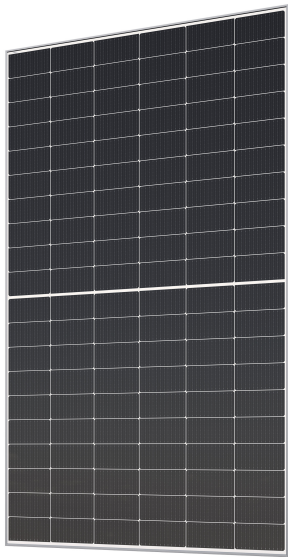


PRODUCT DATASHEET

M 605 P 60 UM -SF-F3

PV PANELS P-TYPE MONOFACIAL SILVER | PERC monofacial photovoltaic panels with silver frame



Areas of application

- Utility installations
- Commercial and industrial installations
- Residential installations

Product benefits

- 12-years of product guarantee, 25-years of linear power output guarantee
- Limited PID-effect (potential induced degradation) thanks to strict quality control in production process
- Very low yearly degradation of the cells thanks to the better resistance to high temperatures
- Durable design and highest production standards guarantees operational reliability and quality

Product features

- Original Stäubli MC4 EVO 2 connectors
- Available in a long cable version
- Frame made of anodized aluminum alloy
- Multi-bus bar (MBB) technology
- Maximum static load up to 5400 Pa

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TECHNICAL DATA

ELECTRICAL DATA STC

Maximum Power Pmax (STC)	605 W
Maximum Power Current Imp (STC)	17.49 A
Short Circuit Current Isc (STC)	18.54 A
Maximum Power Voltage Vmp (STC)	34.60 V
Open Circuit Voltage Voc (STC)	41.70 V
Module efficiency factor (STC)	21.37 %

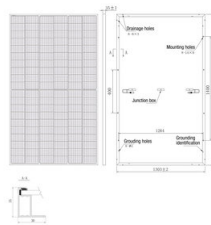
ELECTRICAL DATA NMOT

Maximum Power Pmax (NMOT)	458 W
Maximum Power Current Imp (NMOT)	14.22 A
Short Circuit Current Isc (NMOT)	14.96 A
Maximum Power Voltage Vmp (NMOT)	32.21 V
Open Circuit Voltage Voc (NMOT)	39.31 V

ELECTRICAL DATA STC and NMOT

Power tolerance	3 %
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MECHANICAL DATA



Type of Faciality	Monofacial
Cell material	Mono crystalline
Number of cells	120
Number of bypass diodes	3
With frame	Yes
Type of connection	Staubli MC4 EVO2
Width	1303 mm
Length	2172 mm
Height	35 mm
Product weight	29900.000 g

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Cable length	1.4 m
Glass with anti-reflection coating	Yes
Colour backsheet	White
Colour cells	Dark blue
Colour frame	Silver
Front Glass	Yes

TEMPERATURE RATINGS

Nominal operating cell temperature	44 °C
Temperature coefficient I _{sc}	0.040 %/K
Temperature coefficient P _{mpp}	-0.340 %/K
Temperature coefficient U _{oc}	-0.250 %/K




OPERATING CONDITIONS

Maximum series fuse rating	30 A
Temperature range in operation	-40...+85 °C
Front Side Maximum Static Loading	5400 Pa
Rear Side Maximum Static Loading	2400 Pa
Reverse current load	30 A

EQUIPMENT / ACCESSORIES

- Product is delivered as a whole, no assembly required from customer
- MC4 EVO 2 connectors are fitted to the panel
- 3 bypass diodes are already installed in the panel

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	PV MODULE
	Declarations of conformity	CE Certificate PV Panels
	Product family datasheet	M585-605P60UM-SF-F3_EN

LOGISTICAL DATA

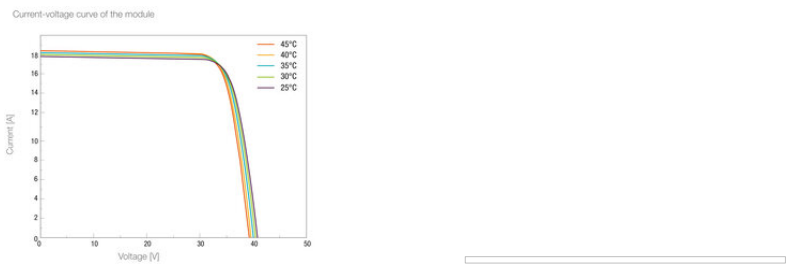
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854137228	Shipping box 31	2,289 mm x 1,105 mm x 1,147 mm	928100.00 g	2901.16 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products.

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When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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