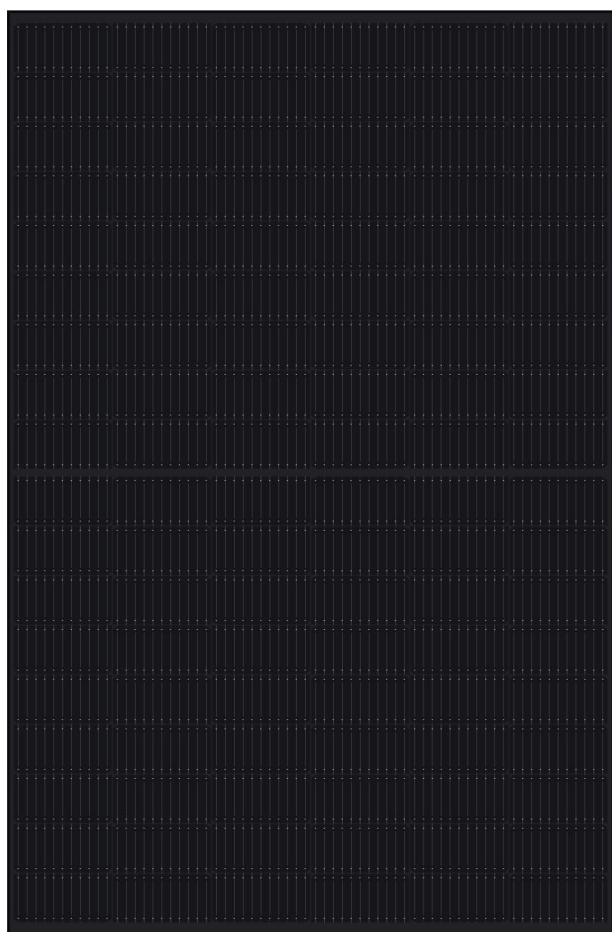


Polish producer
of PV modules

Half cut monocrystalline cells, black backsheet,
anodised aluminum black frame.



Premium quality



Real FULL BLACK



Stäubli MC4 connectors



12-year product warranty



25 Years Linear Power Output Warranty



Polish warranty



Longer cable for horizontal installation



Lower shipping costs



Half cut technology

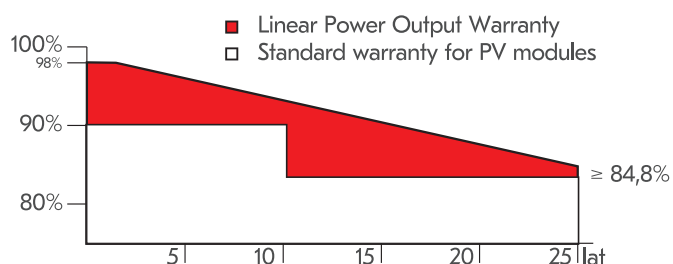


Universal module dimension



WARRANTY

- 25 Years Linear Power Output Warranty no less than 84.8%
- 12 years Manufacturers Warranty



Polish producer
of PV modules

Half cut monocrystalline cells, black backsheet,
anodised aluminum black frame.

MECHANICAL DATA

cell arrangement	108 (6 x 18)
module structure	Glass/Encapsulant/Backsheet
glass thickness	2.8 mm
PV module classification	Class II
junction box rating	IP67 / IP68
cables	4 mm ² ; 1100mm
conector type	Stäubli MC4
fire class rating	C

MAXIMUM RATINGS

operational temperature	-40°C to +85°C
maximum load capacity	Snow 5400Pa/ Wind 2400Pa
maximum system voltage	1500V DC (IEC)
max. series fude rating	25A
diodes	3

TEMPERATURE CHARACTERISTICS

nominal module operating temperature (NMOT)	42°C ± 3°C (NMOT)
temperature coefficient of Isc	+ 0.0448%/°C
temperature coefficient of Voc	- 0.246%/°C
temperature coefficient od Pmax	- 0.330%/°C

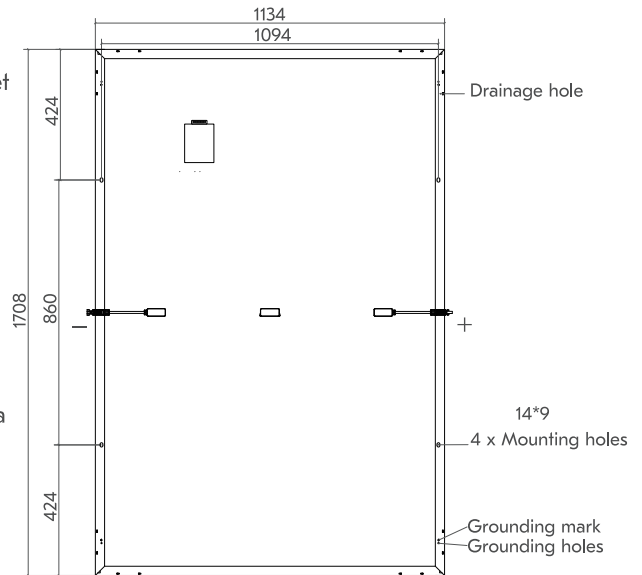
PACKAGING

module dimensions (mm)	1708 x 1134 x 30
weight (kg):	20
pallet dimensiozn (mm)	1805 x 1130 x 1175
container	40' HQ
pieces per pallet	36
pallets per container	26
modules per container	936
gross weight per pallet (kg)	756
gross weight per container (kg)	19656

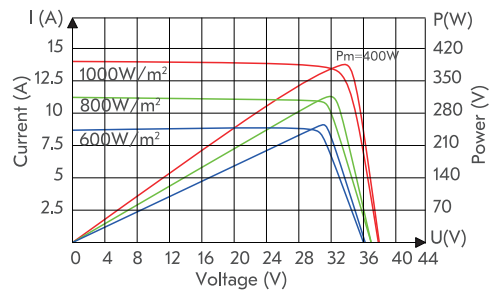
ELECTRICAL SPECIFICATIONS (STC)*

maximun power - Pmax (Wp)	400
power tolerance	0 - 3%
maximum power current - Imp (A)	13.19
maximum power voltage - Vmp (V)	30.35
short-circuit current - Isc (A)	13.59
open-circuit voltage - Voc (V)	37.21
module efficiency	20.65%

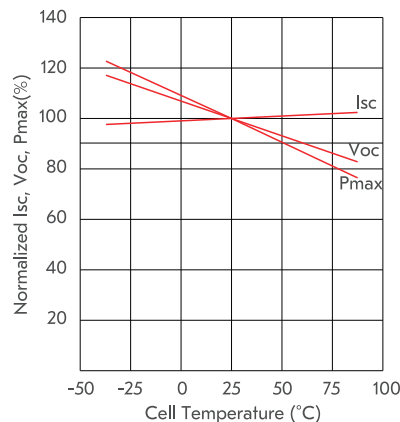
*STC Irradiance of 1000W/m² spectrum AM 1,5 and cell temperature of 25°C.



CURRENT-VOLTAGE & POWER-VOLTAGE CURVE



TEMPERATURE DEPENDENCE OF ISC, VOC, Pmax (°C)



Due to technological progress, product parameters will be adjusted accordingly; When signing the contract, the latest data of the company shall prevail.

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