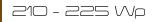


INTEGRATION PSO INTEGRATION MSO



Appealing design with roof integrated system

In-roof panels with Solrif frame

Easy to install, reliable operation

Tested system structure and rain-proof

Optimized for power

PID free high-performance solar cells

Anti-reflective coated, high light-transmitting solar glass

Best low-light behavior Positiv classified

Highest quality standards

Manufactured in accordance with DIN EN ISO 9001:2015 and ISO 14001:2015 and OHSAS 18001:2007

PV-module type approval according to IEC 61215 and IEC 61215:2016

PV-module safety qualification according to IEC 61730 and IEC 61730:2016

Fire protection: tested in accordance with DIN ENV 1187 (t1)

Guaranteed performance *

26 years linear performance guarantee

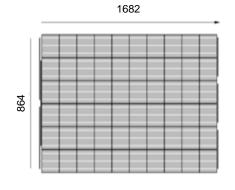
12 years product guarantee,

Optional Total Care for the entire system

Integration 210 | 215 PSO black Integration 220 | 225 MSO black

Performance STC: Under Standard Test Conditions STC: 1,000 W/m ² , spectrum AM 1.5, cell temperature 25°C, measurement tolerances STC: ±3% (Pmpp)	Nominal Power (Pmpp) Open Circuit Voltage (Uoc) Voltage (Umpp) Short Circuit Current (Isc) Current (Impp) Efficency η	210 31,65 24,75 9,13 8,49 14,5	215 31,9 24,99 9,23 8,61 14,8	220 31,9 25,51 9,22 8,63 15,1	225 32,2 25,76 9,31 8,74 15,5
Performance 800 W/m², NOCT, AM 1.5	Nominal Power (Pmpp) Open Circuit Voltage (Uoc) Voltage (Umpp) Short Circuit Current (Isc) Current (Impp)	157 19,82 23,28 7,35 6,76	161 30,05 23,5 7,43 6,86	165 30,04 23,91 7,42 6,88	168 30,32 24,15 7,49 6,97
Thermal Properties	TC Pmpp TC Uoc TC Isc NOCT	-0.42 %/K -0.315 %/K 0.04 %/K 46 ± 2 °C	-0.42 %/K -0.315 %/K 0.04 %/K 46 ± 2 °C	-0.41 %/K -0.32 %/K 0.035 %/K 46 ± 2 °C	-0.41 %/K -0.32 %/K 0.035 %/K 46 ± 2 °C
Other Technical Specification	Max. System Voltage Weight Reverse Current Load IR Junction Box Connectors Bypass Diodes in Junction Box	1000 V 17.5 ± 0.5 kg 15 A IP67 IP68 3 pcs			
Materials Used	No. of Cells Type of Cells Front Frame Frame Height	50 pcs Poly Solar Glass Solrif 35 mm	50 pcs Poly Solar Glass Solrif 35 mm	50 pcs Mono Solar Glass Solrif 35 mm	50 pcs Mono Solar Glass Solrif 35 mm

Current (A) 1000 W I-V Curve 800 W 600 W 400 W 200 W Volt (V)



Measurements in mm



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