



HELIUP STYKON 4x18M6

“Stick on Membrane”

Preliminary Product Datasheet



Lightweight

<6 kg/m² more 50% less than conventional PV modules



Easy to install

Fast and easy installation by directly gluing on water proofing membrane



Lower carbone footprint

due to less material usage and transportation avoidance



Certifications

PV IEC 61215/61730, low carbon footprint (ECS) and building standards accreditations



Durable

Glass protection for high durability and robustness against humidity and hail



Competitive solution

for production of renewable electricity



Power Efficiency

High energy yield thanks to the use of reference Silicon solar cells technology



Made in France

Designed and manufactured in France

Application:

HELIUP Stykon photovoltaic modules are designed for low-tilt waterproofing membrane roofs. The product is to be directly glued onto the new membrane during roof-repair. Its lifetime expectancy is matching that of most roof membranes making it the perfect tool to harvest energy from the sun.



Electrical Characteristics (STC*)

Type	Stykon 4X18M6P205	Stykon 4X18M6P210	Stykon 4X18M6P215
Power Range (Pmax)	205 Wc	210 Wc	215 Wc
Maximum Power Voltage (Vmp)	20,6 V	20,8 V	20,9 V
Maximum Power Current (Imp)	9,93 A	10,13 A	10,28 A
Open-circuit Voltage (Voc)	24,7 V	24,7 V	24,8 V
Short-circuit Current (Isc)	10,31 A	10,64 A	10,77 A
Operating Temperature	-40°C to 85°C		
Maximum System Voltage	1000 V DC (IEC)		
Maximum reverse Current	15 A		
Application Class	Class A		
Power Tolerance	0/+5 Wc		

*STC: Irradiance 1000 W/m², cell temperature 25°C, AM1.5G.

Temperature Characteristics

Normal Operating Cell Temperature	39°C
Temperature Coefficient of Isc	0,04 %/°C
Temperature Coefficient of Voc	-0,25 %/°C
Temperature Coefficient of Pmax	-0,33 %/°C

Certifications and Tests

Certifications	IEC 61215/61730 ECS CRE4 N°066-2023_001
Building standards	ATEX de cas a (3308_V1 and 3309_V1) ETN delivered by Alpes Contrôle (A27T230F indice 0)
Quality Management	ISO 9001 in progress

Mechanical Characteristics

Solar cell	M6-9bb monocrystalline p-type
Number of cells	4 x 18
Module dimensions	1624 (±1 mm) x 739 (±1 mm) x 3 mm (±0,2 mm)
Weight	6 kg
Frontsheet	Patented combination of polymer films and thin glass
Encapsulation	Thermoplastic polymer
Backsheet	Non fluorinated
Junction boxes and connectors	IP-68, Stäubli (MC4-EVO2), 2 by-pass diodes
Output cables	2 x 4 mm ² ; length 500 mm ± 10 mm



*12 Years Product Warranty
25 Years Linear Power Output Warranty
1st year degradation less than 2%
80% guaranteed after 25 years

