



HELIUP STYKON 4X20M10

"Stick on Membrane"



Lightweight

<5 kg/m², 60% lighter than conventional PV modules



Easy to install

Fast and simple installation by direct bonding



Sustainable

Low carbon footprint
Reduced material usage



Certifications

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



Made in Europe

Designed and manufactured in France



Competitive solution

for production of renewable electricity



Power Efficiency

High energy yield - silicon solar cells technology



Durable

Innovative design leading to excellent aging properties and very high mechanical resistance

Application

HELIUP Stykon[®] photovoltaic modules are designed for low-bearing capacity rooftops. The product can be directly glued onto the waterproofing element.

Stykon[®] panels lead to local green energy production and improved building energy efficiency



General Characteristics	
Model	AD Model
Solar cell	M10-10BB p-type PERC
Number of half-cells	4 X 20
Module dimensions	1949 mm x 789 mm x 3 mm
Module weight	7.2 kg
Weight per m ²	4.8 kg/m ²
Junction boxes and connectors	IP-68, Stäubli (MC4-EVO2A), 2 by-pass diodes
Output cables	4 mm ² length 500-700 mm ± 10 mm



Certifications and Tests	
Certifications	IEC 61215/61730 IEC 61701 - C5 ECS PPE2
Building standards	Compliant with French standards (B Roof T3)
Quality Management	ISO 9001 ISO 14001



12 Years Product Warranty
 25 Years Linear Power Output Warranty
 1st year degradation less than 1%
 >89,4% of initial power guaranteed after 25 years

Temperature Characteristics	
NOCT	45°C
Temperature Coefficient of Isc	0.04 %/°C
Temperature Coefficient of Voc	-0.25 %/°C
Temperature Coef. of Pmax	-0.33 %/°C

Electrical Characteristics (STC*)				
Type	4X20M10 285	4X20M10 290	4X20M10 295	4X20M10 300
Bin of Power Class (Pmax)	285 Wp	290 Wp	295 Wp	300 Wp
Maximum Power Voltage (Vmp)	23.1 V	23.2 V	23.2 V	23.3 V
Maximum Power Current (Imp)	12.4 A	12.5 A	12.7 A	12.9 A
Open-circuit Voltage (Voc)	27.8 V	27.8 V	27.9 V	27.9 V
Short-circuit Current (Isc)	13.2 A	13.3 A	13.5 A	13.7 A
Operating Temperature	-40°C to 85°C			
Maximum System Voltage	1000 V DC (IEC)			
Maximum reverse Current	20 A			
Application Class	Class II			
Tolerance	Power -0/+10 Wp ; Isc ± 3% ; Voc ± 3%			

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

Packaging Information

Panels per Pallet	Pallet Dimension	Pallet Weight	Pallet per Lorry
42	2080 x 950 x 1200 mm	430 kg	28

