xM-3 QUATTRO-256S

Designed for flat roofs—including green roofs, gravel roofs, and more—the OverEasy solar solution realises energy production in a revolutionary way. The lightweight prefabricated VPV Units are easy to install and allow unobstructed access for inspection, maintenance, and repairs.

Our standard VPV-Unit is compatible with a wide range of flat roof design supports healthy plant growth, promotes biodiversity, enhances water retention. The STD Foot 60 is designed for conventional flat roofs, while the BIO Foot 120 is engineered for green roofs such as sedum. For more specific applications, the STD Foot 125 is optimised for gravel roofs or regions with heavy snowfall.





STD 60 | STD 125 | BIO 120 | BIO 300

MECHANICAL DATA	
Dimensions	STD60 foot : 1580x1489x309 mm BIO120 foot: 1580x1489x369 mm
Roof area covered per unit	2.31 m^2
Weight	Approx. 28.4 kg
Area load	Approx. 12.2 kg/m^2
Point Load	12.2-12.4 kg (139-141 N) per support foot. *The point load is distributed over the circular contact area of a single foot of45 cm^2. The shortest spacing between feet is 39.5 cm.
Glass	2x3.2 mm tempered solarglass
Ground clearance by foot type	STD 60 Foot: 57 mm BIO 120 Foot : 117 mm

TECHNICAL AND LOGISTICAL SPECIFICATIONS	
OPERATING CONDITION	
Cell Technology	Silicon Heterojunction Solar Cells
Operation Temp.	-40 °C … + 85 °C
Design Load	1600 P, Safety factor 1.5 (2400 P)
Fire Safety Class	B
Junction Box	IP-68,4x1 bypass diode
Connectors	IP-68, DC Connectors IEC/UL certified
xM-3-QUATTRO-256S LOADING PER PALLET	
Measurement	2070 x 1600 x 1255 mm
Weight	766 Kg (909 Kg)
Packing Quantity	27 units (6.9kWp)

ELECTRICAL DATA	
Max. Power at STC (Pmax)	256 Wp
Power Tolerance	± 3 %
Bifaciality	95%
Max. Power Voltage (Vmpp)	32.96 V
Max. Power Current (Impp)	7.74 A
Open-circuit Voltage (Voc)	39 V ± 3 %
Short circuit Current (Isc)	8.04 A ± 3 %
Max. System Voltage (Vsys)	1000 V DC
Reverse current rating	20 A
Cable (Solar cable; 25 cm long)	4 mm^2
Electrical protection class	Class II
Temperature coefficient of Pmax	-0.240 %/K
Temperature coefficient of Voc	-0.220 %/K
Temperature coefficient of Isc	+0.040 %/K

CERTIFICATES

IEC / EN 61215-1:2021, IEC 61215-2:2021 / EN 61215-2:2021 IEC 61730-1:2023 / EN IEC 61730-1:2023 IEC 61730-2:2023 / EN IEC 61730-2:2023 / IEC 62790:2020 / CE

Pending: UL 61730-1:2022 / UL 61730-2:2022 / UL 3730:2014

Wind load calculations: NS-EN 1991-1-4, DS/EN 1991-1-4, DIN EN 1991-1-4,BS EN 1991-1-4, NEN EN 1991-1-4, SN EN 1991-1-4, ÖNORM EN 1991-1-4, ASCE 7-22, NBCC 2020

IMPORTANT NOTE – MCS CERTIFICATION

Please be aware that the OverEasy solar panel system is not currently an MCS-certified product.
Before proceeding with your purchase, it is the customer's responsibility to ensure that the product is suitable for the intended project and that they fully understand any implications associated with using a non-MCS-certified product, including potential impacts on regulatory compliance, project specifications, funding eligibility and certification requirements.