

FATRASOL

Product information FATRASOL Model 288

Product contains two PV Laminates 144 UNI-SOLAR

Technical specification

Length	5,80 m
Width	1,075 m
Thickness	4,0 mm
Waterproofing layer	Fatrafol P 918 SG
Color of 918 SG	White-grey (RAL 7035)
Adhesive	Ethylene propylene copolymer adhesive-sealant with microbial inhibitor
PV laminates	2 x Uni-Solar PVL 144 W connected in series
Protection layer	Durable high light-transmissive ETFE (e.G. Tefzel®)
Weight	28,2 kg
Weight / m ²	4,53 Kg/m ²

Electrical specification - PVL 144 connected in series

Nominal power P_{mp}	288,0 Wp
Open-circuit voltage V_{oc}	92,4 V
Voltage at Pmax V_{mp}	62,0 V
Short-circuit current I_{sc}	5,3 A
Current at Pmax I_{mp}	4,3 A
Maximum voltage on circuit	1000 V
Connector type UNI SOLAR PVL	PV-KBT3.., PV-KST3..

Warranties

Tolerance P_{max}	± 5%
Warranty on power output	25 years warranty min. 80% nom. power P_{mp}
Certification of PV laminate	IEC 61646 v1, IEC 61646 v2 a 61730, TÜV cert.
Protection against electric shock	Safety class 2 (TÜV)

