

Uni-Solar PVL-68

Specifications



Electrical Characteristics

	STC 1000W/m ²	NOCT 800W/m ²
Maximum power (P _{Max})	68W	53W
Voltage at P _{max} (V _{mpp})	16.5V	15.4V
Current at P _{max} (I _{mpp})	4.13A	3.42A
Short circuit current (I _{sc})	5.1A	4.1A
Open circuit voltage (V _{oc})	23.1V	21.1V
Module Efficiency	13.8%	
Tolerance	-/+5%	

Mechanical Characteristics

Dimensions	Length: 2849 mm (112.1"), Width: 394 mm (15.5"), Depth: 4mm (0.2") 16 mm (0.6") including potted terminal housing assembly
Weight	3.9 kg (8.7 lbs)
Output Cables	4 mm ² (12 AWG) cable with weatherproof DC-rated quick-connect terminals 560 mm (22") length
Encapsulation	Durable ETFE high light-transmissive polymer
Cell Type	11 triple junction amorphous silicon solar cells 356 mm x 239 mm (14" x 9.4") connected in series
Bypass Diodes	Connected across every solar cell
Adhesive	Ethylene propylene copolymer adhesive sealant with microbial inhibitor

Warranty

5-Year Limited Product Warranty
Limited Power Output Warranty:
92% at 10 Years, 84% at 20 Years, 80% at 25 Years (of minimum power)



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