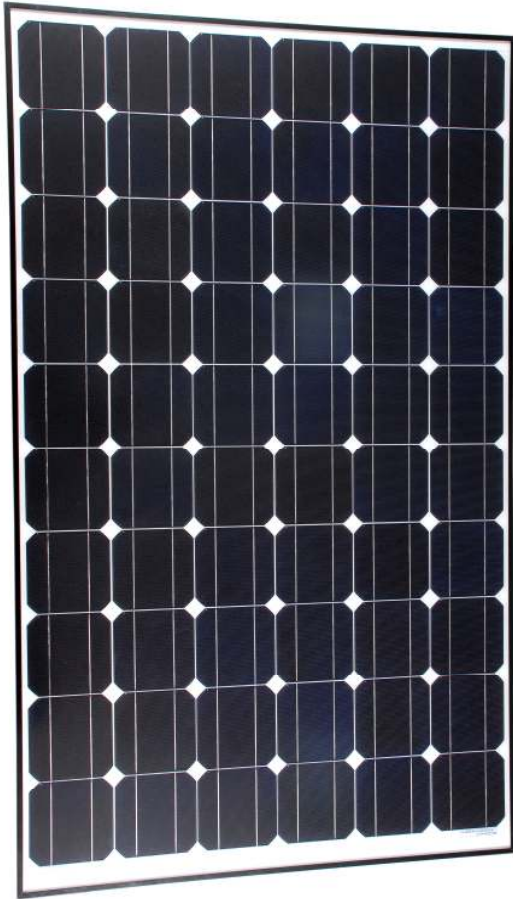


SURANA SVL-M160 Mono/Multi crystalline PV Module



Electrical Parameters

Nominal Power - P_{max} (W)	160
Voltage at maximum Power - V_{mp} (V)	24.5
Current at maximum Power - I_{mp} (A)	6.54
Open circuit Voltage - V_{oc} (V)	29.6
Short Circuit Current - I_{sc} (A)	7.30
Maximum System Voltage	1000 VDC
Maximum Series Fuse Rating	15A
Temperature Coefficient - P_{max}	-0.45%/ ° C
Temperature Coefficient - V_{oc}	-0.035%/ ° C
Temperature Coefficient - I_{sc}	0.05%/ ° C
Solar Cells per Modules - Unit	54 (9 x 6 Matrix)
Solar Cell Size and Type	156mm, mono-crystalline
Efficiency module / cell	>12.20 %

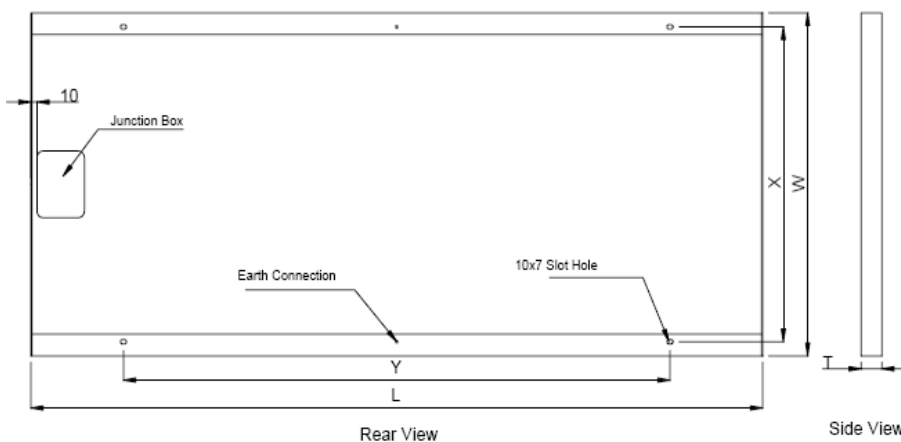
* Measurement Tolerance on Electrical Parameters +/- 5%

* All parameters are at STC 25°C Cell Temperature, 1000W / m² Irradiance and AM 1.5.

* Specifications subject to change without prior notice due to product upgrades.

* Prefixed cables, connectors and cable glands are optional.

*All dimensions below within a +/- 2 mm tolerance



Mechanical Details

L x W x T - mm	1490 x 990 x 42
Mounting Holes Y - mm	900
Mounting Holes X - mm	950
Area - m ²	1.48
Weight - Kg	16.4

Junction Box Details

Dimensions - mm	130 x 105 x 30
Bypass Diodes	3 diodes, 12 A
Connectors	Plug type(GZX)

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