

YL100-M-2 100 watt mono-crystalline solar module

Typical Electrical Characteristics

Model	YL100D-18b
Power Tolerance	0/+5W
Max Power (Pmax) watts	100
Optimum Operating Voltage (Vmp) volts	18.8
Optimum Operating Current (Imp) amps	5.32
Open Circuit Voltage (Voc) volts	23.10
Short Circuit Current (Isc) amps	5.63
Module Efficiency (%)	16.7

Note: The specifications are obtained under Standard Test Conditions (STC): 1,000W/m², Am 1.5, Cell Temperature 25°C

Mechanical Characteristics

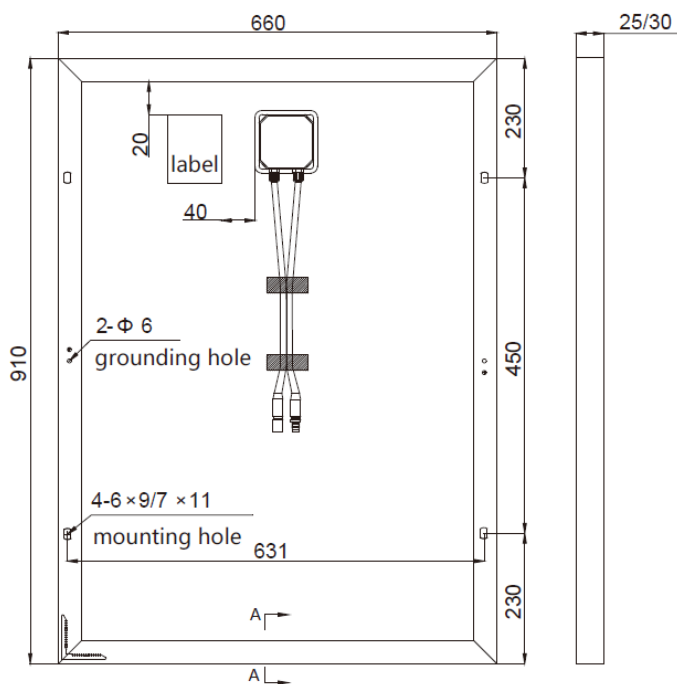
Solar Cell (mm)	Mono 156.75 x 93.6
No. of Cells	36 (4 x 9)
Dimensions L x W x H mm	910 x 660 x 25
Weight kg	6.65 approx.
Junction Box	IP65
Connector	MC4 Type
Packaging	6 pcs / carton

Working Conditions

Maximum System Voltage	DC 1000V (IEC)
Temperature Cycling Range	-40°C ~ +85°C
NOTC	46 ± 2°C
Maximum Series Fuse	10A
Application Class	Class A
Temperature Coefficients Voc	-0.37%/°C
Temperature Coefficients Vmpp	-0.45%/°C
Temperature Coefficients Isc	0.06%/°C
Temperature Coefficients Pmax	-0.4%/°C

Warranty

5 Year Repair and Workmanship Warranty
 12 Year Warranty at 90% Power Output
 25 Year Warranty at 80% Power Output



Read the Installation and User manuals before handling, installing and operating Yingli Solar modules



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