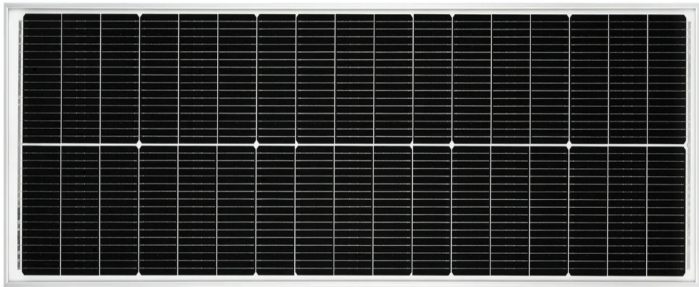


SLIM & NARROW 100 WATT SOLAR
PANEL MONOCRYSTALLINE PART
#: PV100MLONG



Mechanical Characteristics

Cell Type & No.	Mono Cell (2x15)
Front Material	Tempered glass
Junction Box	IP65 (Front Set/Back Set)
Connector	MC4 Compatible

Temperature Characteristics

NOCT	45±2°C
Temperature coefficient of Pmax	-0.38%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

Electrical Characteristics Under STC*

Module	PV100LONG
Maximum Power-Pmax (Wp)	100
Voltage at Maximum Power-Vmp (V)	17.3
Current at Maximum Power -Imp (A)	5.79
Open Circuit Voltage-Voc (V)	20.23
Short Circuit Current-Isc (A)	6.29
Module Efficiency-η _m (%)	19.8
Power Tolerance (W)	0/+5
Dimensions (inch, L×W×H)	43 7/8 * 17 7/8 * 1 1/8
Weight (lb)	13
Maximum System Voltage	600VDC U L
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	10A

STC (Standard Testing Conditions) : Irradiance 1000/㎡, Cell temperature 25°C, AM 1.5

NOCT(Nominal Operating Cell Temperature): Irradiance 800W/㎡, Ambient temperature 20°C, AM 1.5, Wind speed 1m/s

