



SOLARA

Your Sunny Future

SUNPOWER MONO MODULE

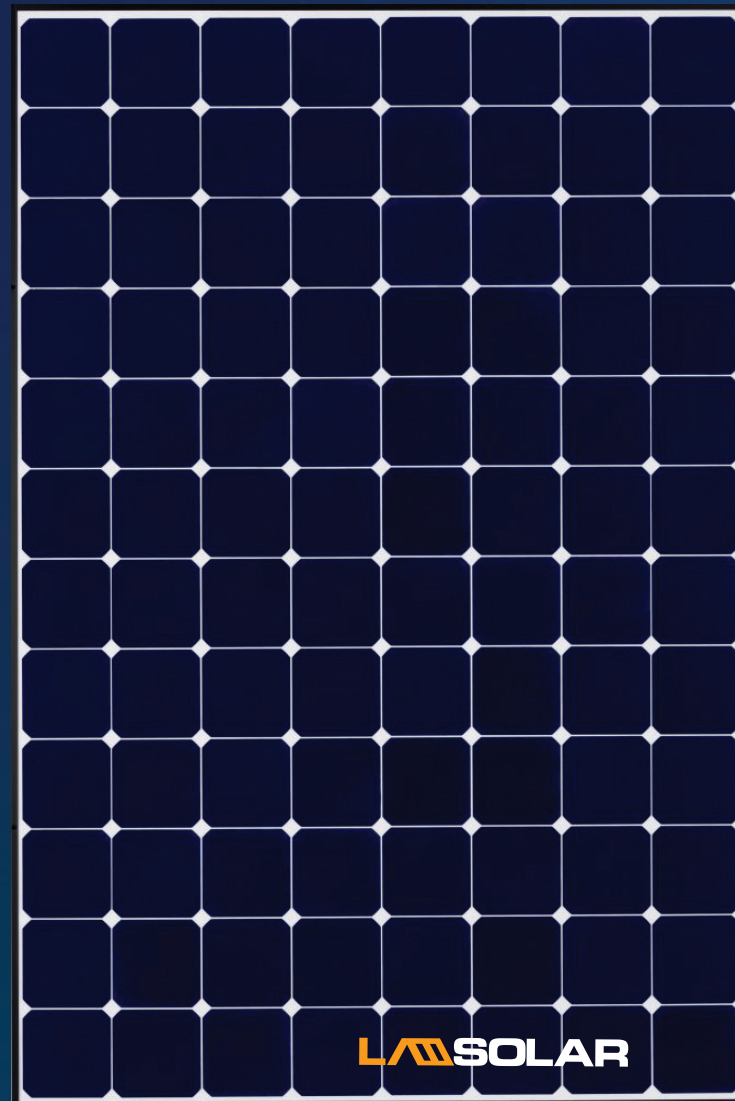
E 19 | 320

96 CELL
MONOCRYSTALLINE MODULE

320 W
POWER OUTPUT RANGE

19.6%
MAXIMUM EFFICIENCY

0 to +3%
POSITIVE POWER TOLERANCE

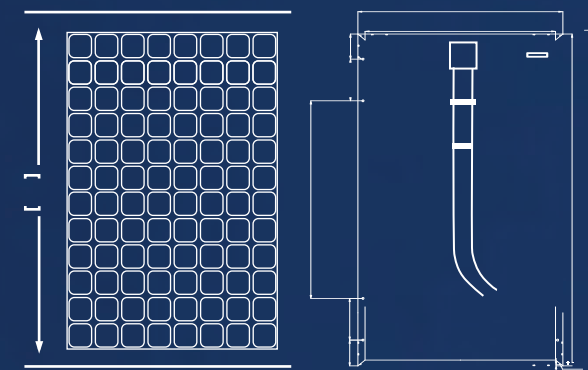


Electrical Characteristics

Component Model	E 19 320
Maximum Power (PMP)	320
Open Circuit Voltage (VOC)	64.8
Short Circuit Current (ISC)	6.24
Maximum Power Voltage (VMP)	54.7
Maximum Power Current (IMP)	5.86
Component Efficiency (η_c)	19.6%
Power Tolerance	(0, +3%)
Maximum System Voltage	1000V DC
Maximum Rated Fuse Current	15.6 A

STC: Irradiance 1000 W/m² module temperature 25 °C AM=1.5

PHISICAL CHARACTERISTICS



Temperature Characteristics

Temp. Coeff. of Isc (TK Isc)	0.04% / °C
Temp. Coeff. of Voc (TK Voc)	-0.28% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.37% / °C

Main Characteristics



High conversion efficiency



Outstanding low irradiation performance



Less shading effect



Excellent loading capability

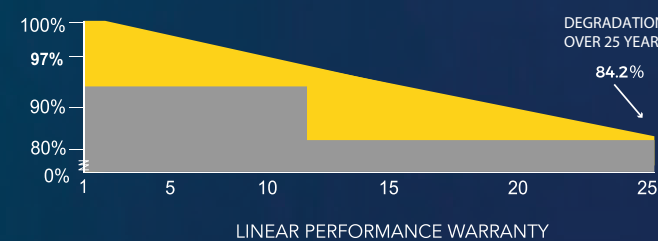


Higher ROI



Strong physical Property

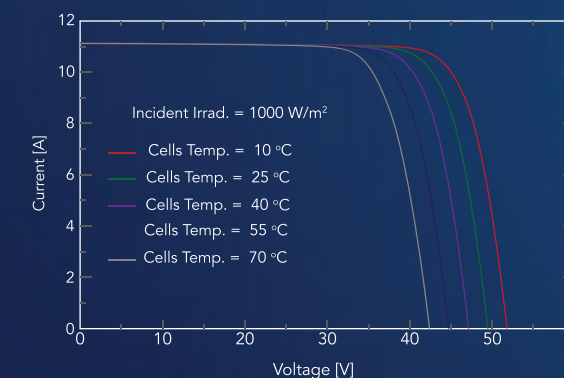
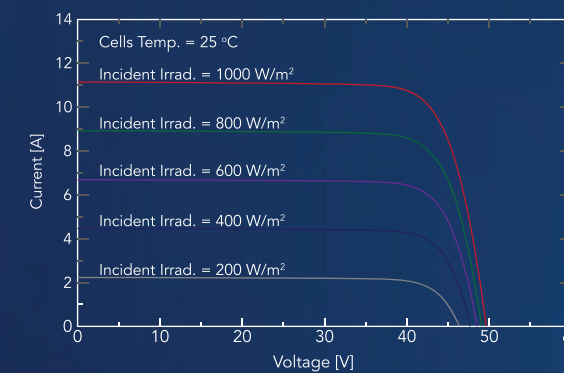
25 YEAR WARRANTY



QUALIFICATIONS AND CERTIFICATES



I-V Curve



Structural Characteristics

Cell Type	166x83mm MONO PERC
Weight	18.6kg
Number of Cells	96 (8x12)
Dimension	32x155x128mm
Max Load	5400 Pascals
Junction Box	IP65
Connector	MC4
Wire type	compatible PV wire
Fire Performance	Type 1
Protection Class: Class II (Classified as per IEC 61140)	