Suntera
Share Clean Energy with Everyone

Tera 60HS

365~375 watt

166 HALF-CUT CELL, MONO-FACIAL MODULE

Tera 60HS mono crystalline silicon solar module, which is particularly designed for rooftops, makes installation much easier. Its remarkable reliability and high efficiency provide strong guarantee of excellent performance.

Key Features

Multi-busbar Technology

Multi-busbar helps to trap more light and electricity

Light design

Light

Light design for rooftop particularly

Less Hot Spot Risk

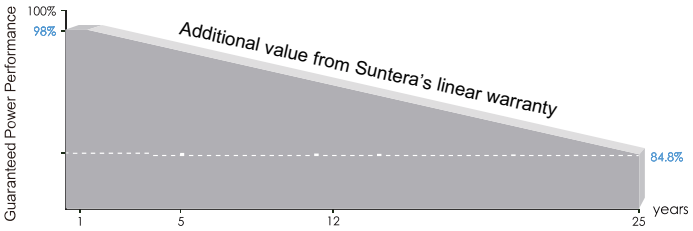
Half-cut

Half-cut technology reduces inner loss and hot spot risk

Better LCOE

Excellent performance brings better LCOE

Linear Performance Warranty

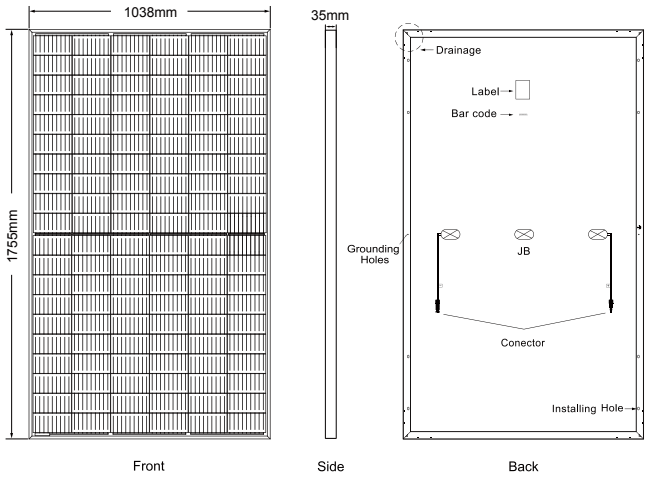


12 Years Product Warranty

25 Years Linear Power Warranty

0.55% Annual Degradation Over 25 Years

Version No.: Global_EN_20220401V1



MECHANICAL CHARACTERISTICS

Cell Type	P type Mono-crystalline 166x83mm
No. of Cells	120 cells
Dimensions	1755(±2)×1038(±2)×35(±1)mm
Weight	20kg±3%
Front Glass	3.2mm,Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Max Static Loading	5400Pa(front)/2400Pa(rear)
Junction Box	IP67 Rated
Output Cables	4.0 mm2, cable length: 300 mm or Customized Length

PACKAGING CONFIGURATION

(Two pallets = One stack)

31pcs/pallets, 62pcs/stack, 806pcs/ 40'HQ Container

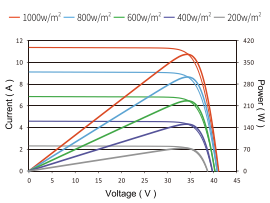
SPECIFICATIONS

Module Type	ST1-M60HS-365	ST1-M60HS-370	ST1-M60HS-375
Maximum Power (Pmax/W)	365	370	375
Maximum Power Voltage (Vmp/V)	34.18	34.39	34.59
Maximum Power Current (Imp/A)	10.68	10.76	10.84
Open-circuit Voltage (Voc/V)	42.7	42.9	43.1
Short-circuit Current (Isc/A)	11.1	11.21	11.32
Module Efficiency STC (%)	20.0	20.3	20.6
Operating Temperature	-40°C~+85°C		
Maximum System Voltage	1500VDC		
Maximum Series Fuse Rating	20A		
Power Tolerance	0~+3%		
STC	Irradiance 1000W/M2, cell temperature 25℃, AM 1.5		

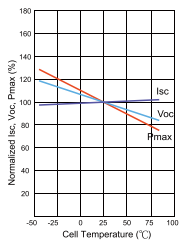
TEMPERATURE RATINGS

Temperature Coefficient of Pmax	-0.34%/°C
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	+0.04%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Current-Voltage & Power-Voltage Curve



Temperature Dependence of I_{sc}, V_{oc}, P_{max}



Suntera

Email: support@sunterasolar.com

Website: www.sunterasolar.com