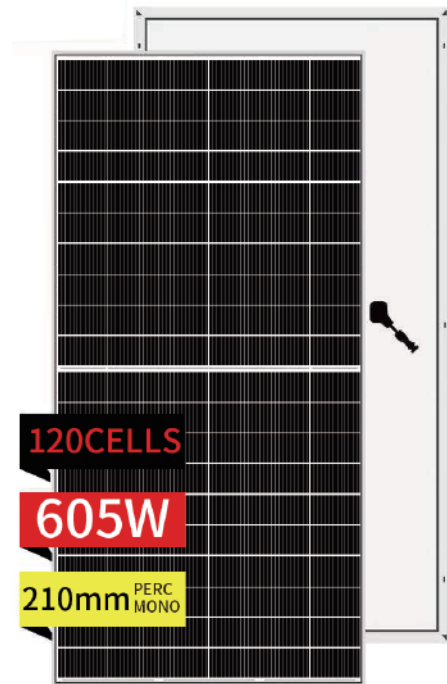


Sunda 60M 585-605 Watt

MONO-FACIAL MODULE

P-Type

Positive power tolerance of 0~+3%



Key Features



Multi Busbar Technology

Better light trapping and current collection to improve module power output and reliability.



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



Reduced Hot Spot Loss

Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

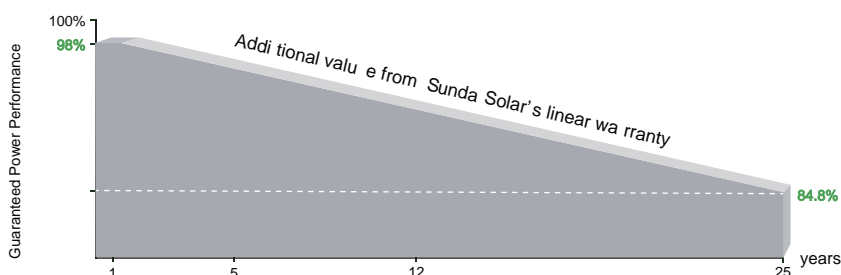


Longer Life-time Power Yield

0.55% annual power degradation and 25 year linear power warranty.



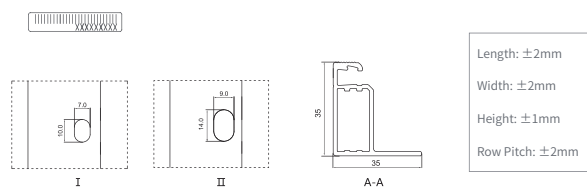
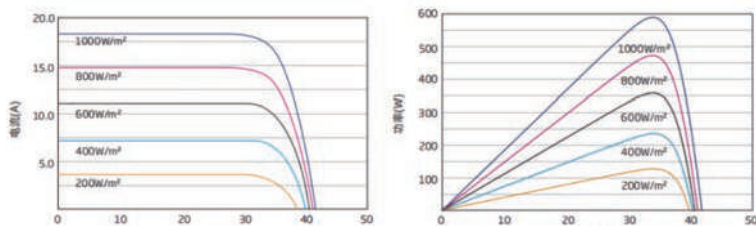
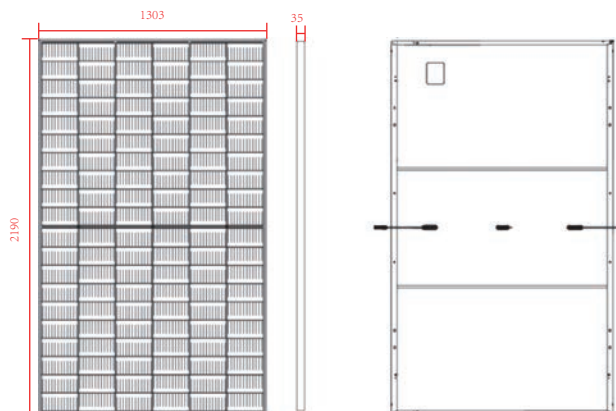
LINEAR PERFORMANCE WARRANTY



12 Year Product Warranty

25 Year Linear Power Warranty

0.55% Annual Degradation Over 25 years



Mechanical Characteristics

Cell Type	210mm Mono-crystalline
No. of cells	120 (6×20)
Dimensions	2190×1303×35mm (86.22×51.3×1.38 inch)
Weight	28.9 kg (63.7 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 400mm, (-): 200mm or Customized Length

Packaging Configuration

(Two pallets = One stack)

31pcs/pallets, 62pcs/stack, 620pcs/ 40'HQ Container

SPECIFICATIONS

Module Type	SD585M-60		SD590M-60		SD595M-60		SD600M-60		SD605M-60	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	585W	443 W	590 W	447 W	595 W	451 W	600 W	454 W	605W	458 W
Maximum Power Voltage (Vmp)	33.8 V	31.5V	34.0 V	31.7V	34.2 V	31.9V	34.4 V	32.0 V	34.6 V	32.2 V
Maximum Power Current (Imp)	17.31A	14.05 A	17.35 A	14.1A	17.4A	14.13 A	17.44	14.18 A	17.49 A	14.22 A
Open-circuit Voltage (Voc)	40.9 V	38.5 V	41.1V	38.7V	41.3V	38.9 V	41.5V	39.1V	41.7V	39.3 V
Short-circuit Current (Isc)	18.37 A	14.81 A	18.42 A	14.85 A	18.47 A	14.88 A	18.52 A	14.92 A	18.57 A	14.96 A
Module Efficiency STC (%)	20.7%		20.8%		21%		21.2%		21.4%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.35%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5
 NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s