

SUQIU 66M

645-665 Watt

MONO-FACIAL MODULE

P-Type

Positive power tolerance of 0~+3%

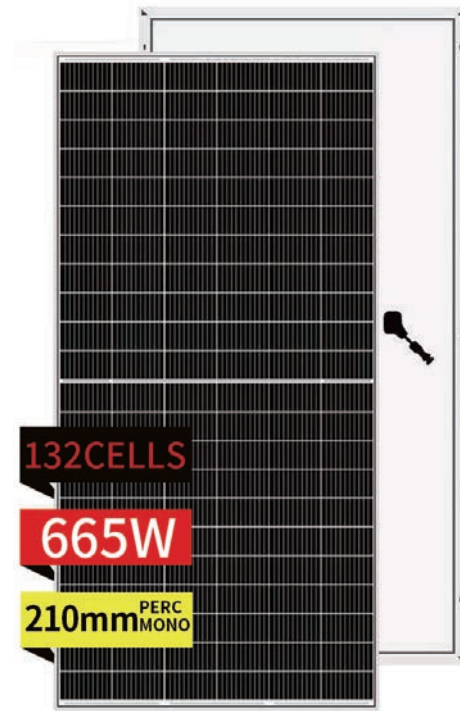
EN 55032:2015, EN55035:2017

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



Key Features



Multi Busbar Technology

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



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



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.

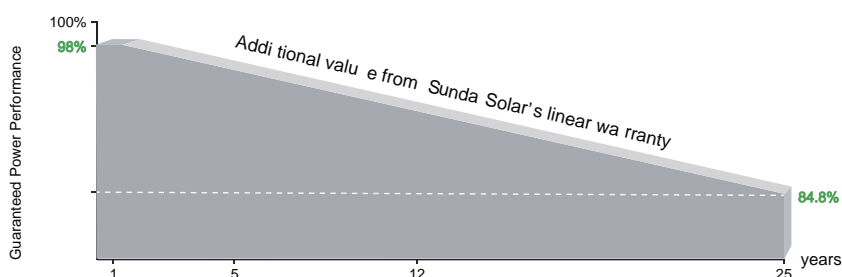


Enhanced Mechanical Load

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



LINEAR PERFORMANCE WARRANTY

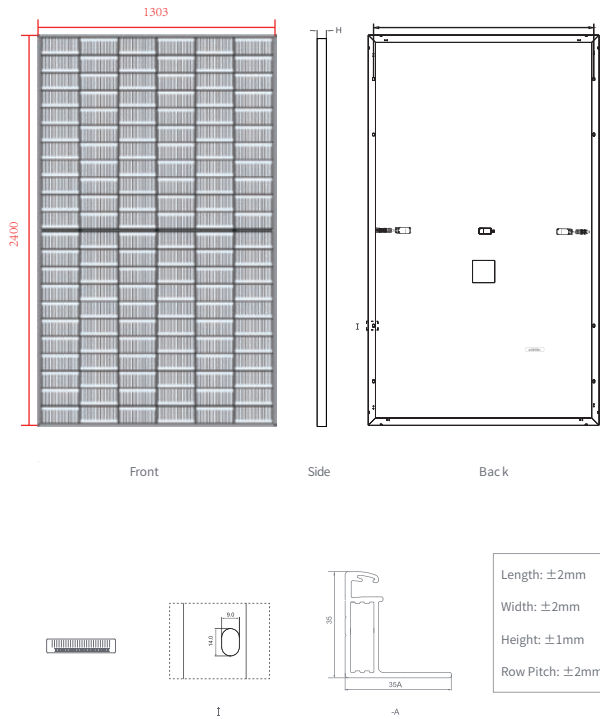


12 Year Product Warranty

25 Year Linear Power Warranty

0.55% Annual Degradation Over 25 years

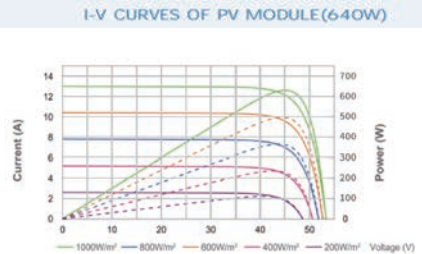
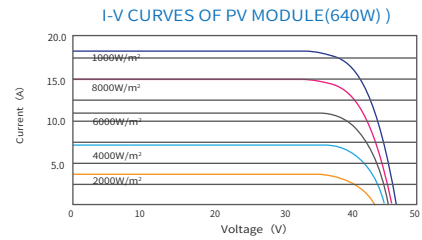
Engineering Drawings



Packaging Configuration

31 pieces per pallet, each container 558 pieces.

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	210mm Mono PERC
No. of cells	132 (6×22)
Dimensions	2400×1303×35mm (94.49×51.3×1.18 inch)
Weight	36 kg (79.4 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 (+): 290mm, (-): 145mm or Customized Length

SPECIFICATIONS

Module Type	SD645 M-66	SD650 M-66	SD655 M-66	SD660 M-66	SD665 M-66
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	645 Wp	650 Wp	655 Wp	660 Wp	665 Wp
Maximum Power Voltage (Vmp)	37.93 V	38.08 V	38.23 V	38.38 V	38.53 V
Maximum Power Current (Imp)	17.01 A	17.07 A	17.14 A	17.2 A	17.26 A
Open-circuit Voltage (Voc)	45.1 V	45.25 V	45.4 V	45.55 V	45.71 V
Short-circuit Current (Isc)	18.12 A	18.25 A	18.37 A	18.45 A	18.56 A
Module Efficiency STC (%)	20.63%	20.79%	20.95 %	21.1%	21.3%
Operating Temperature(°C)	-40°C~+85°C				
Maximum System Voltage	1000/1500VDC (IEC)				
Maximum Series Fuse Rating	20A				
Power Tolerance	0~+3%				
Temperature Coefficients of Pmax	-0.35%/°C				
Temperature Coefficients of Voc	-0.29%/°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