



THE PRIMAX

BIFACIAL DUAL GLASS

MONOCRYSTALLINE MODULE

570W

MAXIMUM POWER OUTPUT

21.1%

MAXIMUM EFFICIENCY

0-+5W

POSITIVE POWER TOLERANCE

PRODUCTS

SPH-DEG18C.20

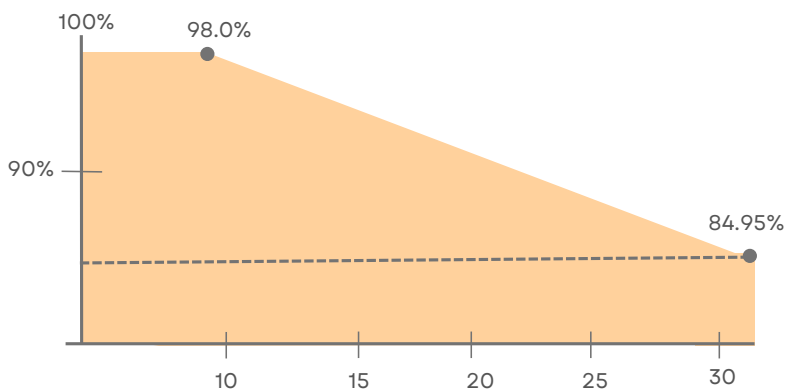
POWER RANGE

550W - 570W



Sunphase is a top tier 1 class panel brand that was established in 2017 in order to globally spread solar energy to every household and business. We revolutionize the way energy is delivered to customers, using a cleaner and more affordable alternative to their utility bill.

Since its inception, the company has made its goal to be the standard for the solar module industry and to bring clean and green electricity, both to the urban environment and the periphery.



PRIMAX - SPH-M10S BIFACIAL MODULE

Sunphase Primax showcases a thin profile double-glass construction that yields higher power and superior aesthetics that are a perfect complement to roofs, carports, and canopies.

Primax uses a highly scalable process to deliver high-output solar power at a very competitive Levelized Cost of Energy (LCOE).

KEY FEATURES

- With a high power output
- Robust quality and reliability
- High Module Efficiency
- Competitive Weak Light Performance
- Withstands harsh environment
- Ideal solution for utility and industrial projects

LINEAR PERFORMANCE WARRANTY

- 12 Year Product Warranty
- 30 Year Linear Power Warranty

COMPREHENSIVE CERTIFICATES

IEC 61215 / IEC61 / IEC 62716 /UL703
ISO 14001 : 2015 Environmental Management System
ISO 9001 : 2015 Quality Management System
ISO 45001 : 2018 Occupational Health and Management System.



ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	550	555	560	565	570
Power Output Tolerance-PMAX (W)					
Maximum Power Voltage-VMPP (V)	41.55V	41.73V	41.92V	42.07V	42.26V
Maximum Power Current-IMPP (A)	13.24A	13.3A	13.36A	13.43A	13.49A
Open Circuit Voltage-Voc (V)	50.28V	50.47V	50.68V	50.87V	51.08V
Short Circuit Current ISC(A)	14.02A	14.08A	14.14A	14.20A	14.26A
Module Efficiency (%)	21.3%	21.5%	21.7%	21.9%	22.1%

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5

TEMPERATURE RATINGS

Temperature Coefficients of Pmax	-0.350%/°C
Temperature Coefficients of Voc	-0.270%/°C
Temperature Coefficients of Isc	0.048%/°C

MAXIMUM RATINGS

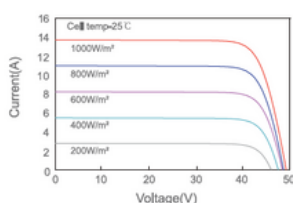
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V
Max Series Fuse Rating	25A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

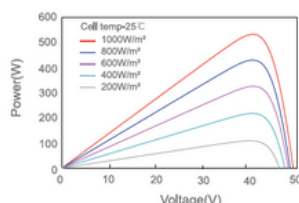
DOUBLE SIDE POWER GENERATION DATA (BACKSIDE GAIN)

5%	Pmax (Wp)	578Wp	583Wp	588Wp	593Wp	599Wp	604Wp
	Module Efficiency (%)	22.37%	22.56%	22.77%	22.97%	23.17%	23.38%
15%	Pmax (Wp)	633Wp	638Wp	644Wp	650Wp	656Wp	661Wp
	Module Efficiency (%)	24.48%	24.71%	24.93%	25.15%	25.37%	25.58%
25%	Pmax (Wp)	688Wp	694Wp	700Wp	706Wp	713Wp	718Wp
	Module Efficiency (%)	26.61%	26.86%	27.10%	27.34%	27.58%	27.79%

CHARACTERISTICS

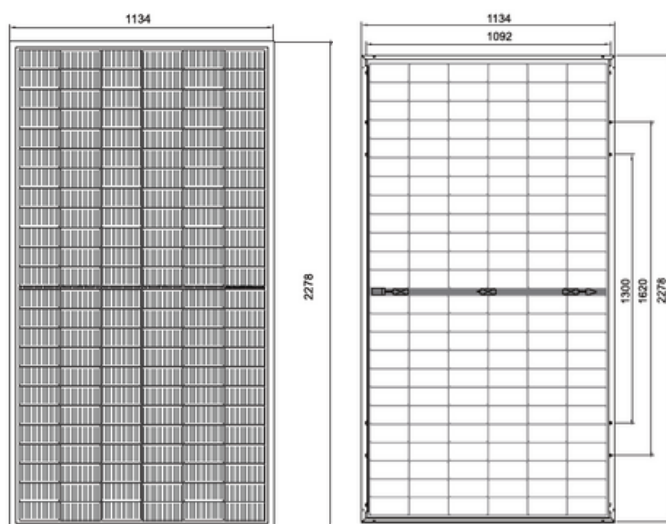


Current-Voltage Curve



Power-Voltage Curve

MECHANICAL DIAGRAMS



MECHANICAL DATA

Solar Cells	Monocrystalline 182x91mm
Cell Orientation	144 cells (6x24)
Module Dimension	2278x1134x30mm
Weight	32kg
Glass	2.0mm (0.13 inches), High Transmission AR Coated Tempered Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm ² (0.006in ²)
Connector	MC4

PACKAGING CONFIGURATION

Modules per box	36 pieces
Modules per 40'	HQ Container: 720 pieces

