

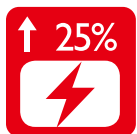
What's Solaris™?

Solaris™ is an innovative AC PV solution developed by Seraphim. It is a pre-assembled system consisting of a YC500 micro inverter and 2 Seraphim panels, in either silver or black color, mono or poly crystalline.



Why Solaris™?

Solaris™ unit can work independently to eliminate the productivity loss from the typical environmental factors of debris and shade, maximizing the performance of the PV array.



Up to 25% more energy output than DC array



Optimized performance for any shaded incidents



Multiple-platform monitoring system



Much safer and faster installation



Excellent productivity in weak light conditions

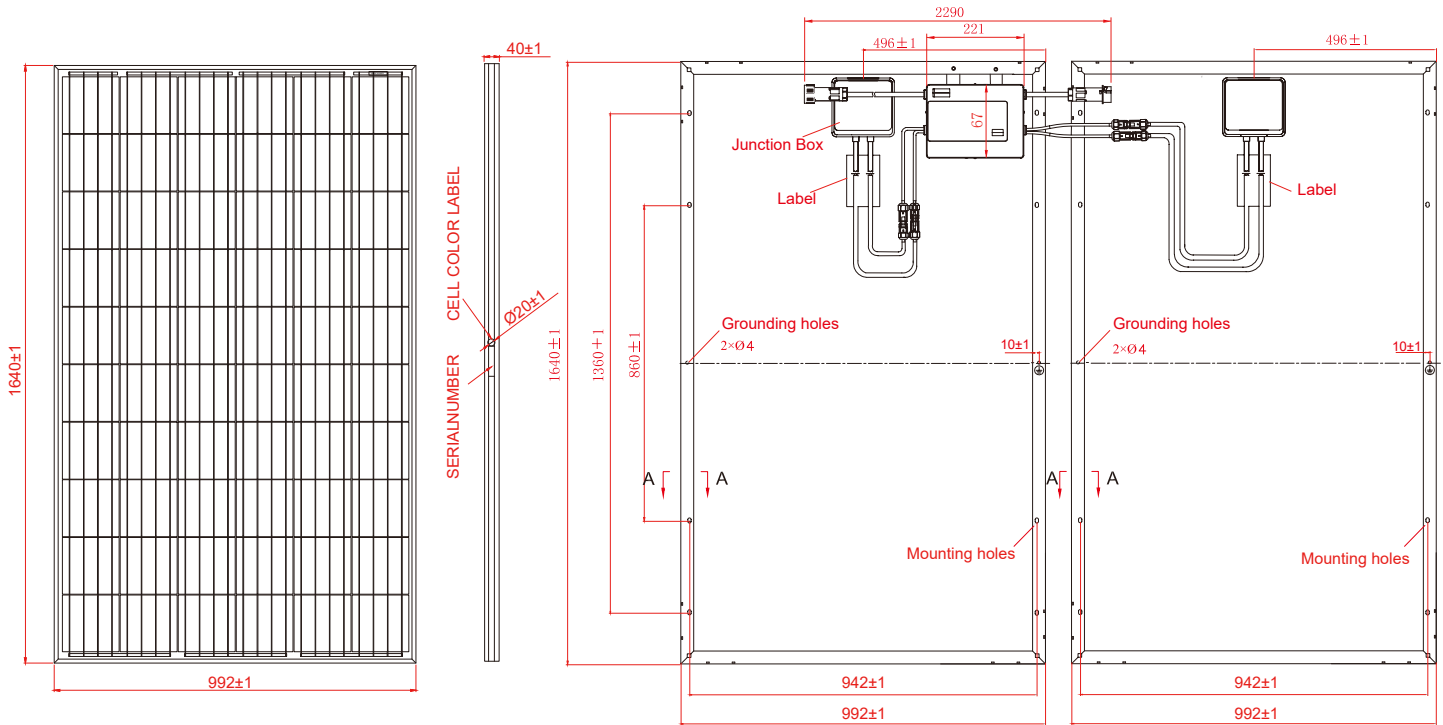


Easier system design and assembly

Solaris™ SERIES 6 INCH 60 CELLS



*DURAFLEX™ PRODUCTS ARE AVAILABLE UPON REQUEST

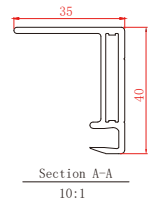
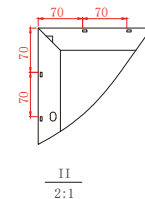
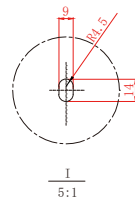


DC Electrical Data

Module Type	Mono/Poly
Module Power Range	480W~560W
Module Power Tolerance	0~4.99W

DC Electrical Data

Maximum Power Output	500W
Maximum Output Current	2.27A
Nominal Output Voltage	220V
Nominal Frequency	60Hz
Nominal Operating Frequency	57~62HZ
Power Factor	>0.99
Total Harmonic Distortion	<3%
Maximum Units per Branch	11pcs
Peak Inverter Efficiency	95.50%



Operating Conditions

PV Module Operating Temperature	-40~+85°C
Micro-inverter Ambient Temperature	-40~+85°C
IP Protection Level	IP65

Warranty & Certificate

Product Warranty	10 years for material and workmanship
Performance Guarantee	Linear power output warranty (10/25 years)
	Micro-inverter for 25years
Module Certificate	TUV, CEC, CSA
Micro-inverter Certificate	SAA, CQC, ETL

Mechanical Characteristics

Dimensions (L x W x H)	1640 X 992 X 40 mm (2pcs)
Weight	41.5Kg
Module to Module AC Wiring	Fully-guarded, locking AC-connector