

Vision Module System



The Vision Module System is the most aesthetic, efficient and durable bifacial solar module system available.

FEATURES & BENEFITS

INFINITY EDGE GLASS™

- PID free
- Continuous glass surface

GLASS GLASS CONSTRUCTION

- Ultra durable
- Maximum efficiency

INTEGRATED MOUNTING SYSTEM

- Built in wireways
- Concealed junction boxes and conductors
- Can be weatherproofed

CUSTOM INFILL GLASS

- Custom shapes and sizes
- Custom silkscreen, vinyl, or frit graphic applications available



VISION SYSTEM SPECIFICATIONS

Series		L				S			
Matrix	Cells	72	60	40	00	60	48	32	00
	Power	430 W	355 W	240 W	0 W	355 W	285 W	190 W	0 W
	Transmittance	8%	17%	43%	86%	13%	29%	50%	88%
Peak Power Voltage* (Vmp)		39.9 V	32.9 V	22.2 V	0 V	32.9 V	26.6 V	17.7 V	0 V
Maximum Power Current (Imp)		10.8 A	10.8 A	10.8 A	0 A	10.8 A	10.9 A	10.9 A	0 A
Open Circuit Voltage (Voc)		49.2 V	41.0 V	27.4 V	0 V	41.0 V	32.8 V	21.9 V	0 V
Short Circuit Current (Isc)		11.3 A	11.4 A	11.4 A	0 A	11.4 A	11.4 A	11.4 A	0 A
Module Efficiency		18.8%	15.5%	10.5%	0%	18.4%	14.8%	9.9%	0%
Operating Temperature		-40 °C to 85 °C							
Maximum System Voltage		1500 V							
Maximum Series Fuse Rating		20 A							
Power Tolerance		-3/+3%							
Solar Cell		Monocrystalline Bifacial 6.5" x 6.5" (166 mm x 166 mm)							
Cell Layout		6 x 12	6 x 10	4 x 10	0	6 x 10	6 x 8	4 x 8	0
Module Dimensions		84.02 in x 42.47 in x 2.06 in (2134 mm x 1078.85 mm x 52.17 mm)				70.77 in x 42.22 in x 2.06 in (1797.50 mm x 1072.50 mm x 52.17 mm)			
Module Area		24.6 ft ² (2.3m ²)				20.8 ft ² (1.9m ²)			
Front/ Back Glass		Fully Tempered 3.2mm Low-Iron PV Glass							
Module Weight		105.5 lbs (47.8 kg)				78.6 lbs (35.6 kg)			
System Weight / Area		SD 4.85 psf (23.68 kg/m ²) MD 5.06 psf (24.71 kg/m ²)				SD 4.55 psf (22.22 kg/m ²) MD 4.81 psf (23.48 kg/m ²)			
Static Load		Short Term		Long Term		Short Term		Long Term	
	PM	105.1	-101	91.6					
	EM	116	-89	86					
	LM/ RM	92.8	-98	79.4					
	LC/ RC	68	-74	50					
	IM					96	-102	71	
Output Cables		500mm 12 Awg. PV Wire and MC4 Compatible Connectors							
Fire Rating		Class A							
Warranty		10 years Workmanship / 30 years Linear Power Production							
Certifications		UL 61730							

* All values are based on STC. Power Production Warranty on Front Side STC Only

TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	43.6 °C
Power Temperature Coefficient (Pmpp)	-0.38 % / °C
Voltage Temperature Coefficient (Voc)	-0.36 % / °C
Current Temperature Coefficient (Isc)	0.07 % / °C