



S4A410-72MHS

410W

Mono Crystalline Module



385W-410W



America's Home for Quality, Service, & Warranty

Our products are local, top-quality, and cost competitive manufactured in *Sacramento, CA*

MODULE EFFICIENCY

21.17%

HIGH POWER OUTPUT

410W



World Class Mono Efficiency



Outstanding Temperature Coefficient



Minimize Micro-crack



Improved Shading Tolerance



Excellent Anti-PI D Performance



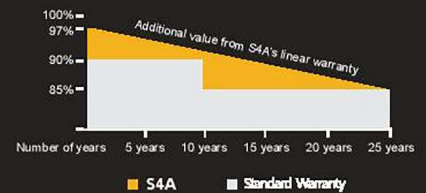
Certified for Salt/Ammonia Corrosion Resistance



Wind to 2400PA
Snow to 5400 PA



Lower LOOE



SolarJuice Technology Inc. is headquartered and has module production facilities in Sacramento, California. Our S4A branded product line offers high quality, exceptional performance, and great value to our customers. Our state-of-the-art manufacturing facility uses industry-leading automated production equipment to optimize product performance and quality.

SolarJuice Technology Inc.

*Subject to warranty conditions

S4A410-72MH5

72 Cell | Mono Crystalline Module

ELECTRICAL CHARACTERISTICS AT STANDARD TEST CONDITIONS (STC)

Module Type	S4A410	S4A405	S4A400	S4A395	S4A390	S4A385
Maximum Power - Pmax (W)	410	405	400	395	390	385
Open Circuit Voltage - Voc (V)	49.1	48.9	48.7	48.5	48.4	48.2
Short Circuit Current - Isc (A)	10.61	10.54	10.47	10.37	10.3	10.22
Maximum Power Voltage - Vmpp (V)	40.8	40.7	40.5	40.4	40.2	40
Maximum Power Current - Imp (A)	10.03	9.96	9.89	9.78	9.72	9.64
Module Efficiency	21.17%	20.91%	20.86%	20.40%	20.14%	19.88%

Standard Test Conditions (STC): Irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Tolerance of Pmp: 0→+3%.
Measuring uncertainty of power: ±3%.

ELECTRICAL CHARACTERISTICS AT NORMAL OPERATING CELL TEMPERATURE (NOCT)

Module Type	S4A410	S4A405	S4A400	S4A395	S4A390	S4A385
Maximum Power - Pmax (W)	303	299	296	292	288	285
Open Circuit Voltage - Voc (V)	45.1	45	44.8	44.6	44.4	44.3
Short Circuit Current - Isc (A)	8.5	8.43	8.37	8.31	8.25	8.19
Maximum Power Voltage - Vmpp (V)	37.8	37.6	37.4	37.2	37.1	36.8
Maximum Power Current - Imp (A)	8.02	7.98	7.9	7.85	7.78	7.73

Normal Operating Cell Temperature (NOCT): Irradiance 800W/m²; wind speed 1 m/s; cell temperature 45 °C; ambient temperature 20 °C.
Measuring uncertainty of power: ±3%.

TEMPERATURE CHARACTERISTICS

NOCT	45°C (±2°C)	Maximum System Voltage [V]	1500
Temperature Coefficient	-0.307%/K	Series Fuse Rating [A]	20
Current Temperature Coefficient	+0.038%/K		
Power Temperature Coefficient	-0.423%/K		

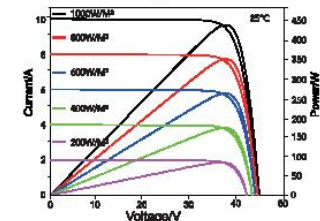
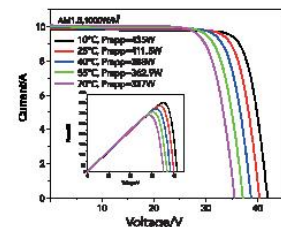
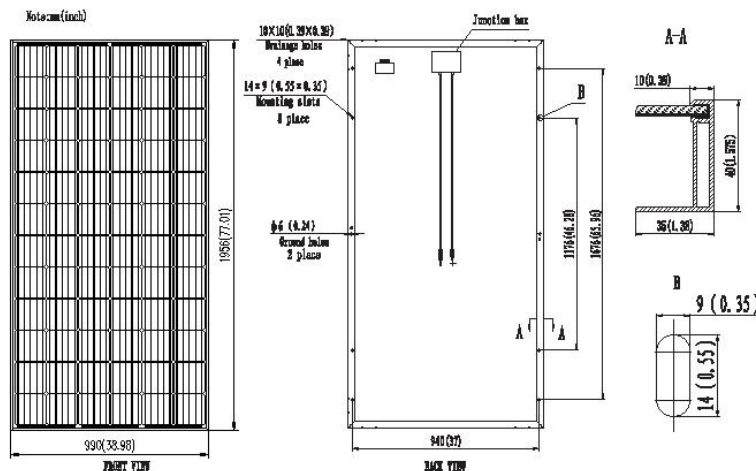
MAXIMUM RATINGS

MATERIAL CHARACTERISTICS

Dimensions	1982×1002×40mm (L×W×H)		
Weight	22kg		
Frame	Anodized aluminum profile		
Front Glass	White toughened safety glass, 3.2 mm		
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)		
Back Sheet	Composite film		
Cells	6×12 pieces monocrystalline solar cells series strings (158.75mm×158.75mm)		
Junction Box	Rated current ≥ 13A, IP ≥ 67, TUV&UL		
Cable & Connector	Length 1200 mm, 1×4 mm ² , compatible with MC4		

PACKAGING

Dimensions(L×W×H)	1980×1140×1120mm	Temperature Range	-40 °C to + 85 °C
Container 20'	270	Withstanding Hall	Maximum diameter of 25 mm with
Container 40'	810		Impact speed of 23 m/s-1
		Maximum Surface Load	5,400 Pa
		Module Fire Performance	Type 1



Excellent performance under weaklight condition