

SV380-72M

Monocrystalline 72 cells 380 Watt

SV380-72M SV375-72M
SV370-72M SV365-72M
SV360-72M

19.62%

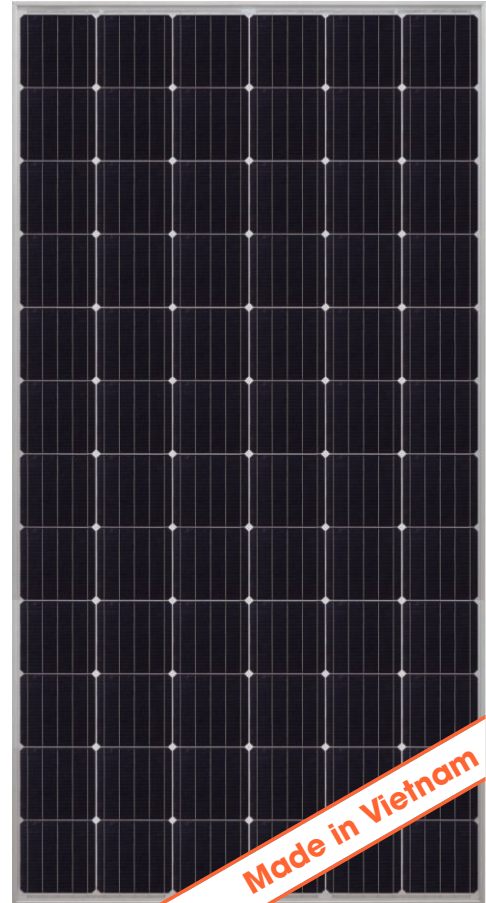
Module efficiency

12
YEARS

Material & Workmanship warranty

25
YEARS

Linear power output warranty



MONO

Features



PID-free



World class mono efficiency



Tighter product performance distribution and current sorting reduces the mismatch power loss in system operation



Positive tolerance offer



Good temperature coefficient enables higher output in high temperature regions



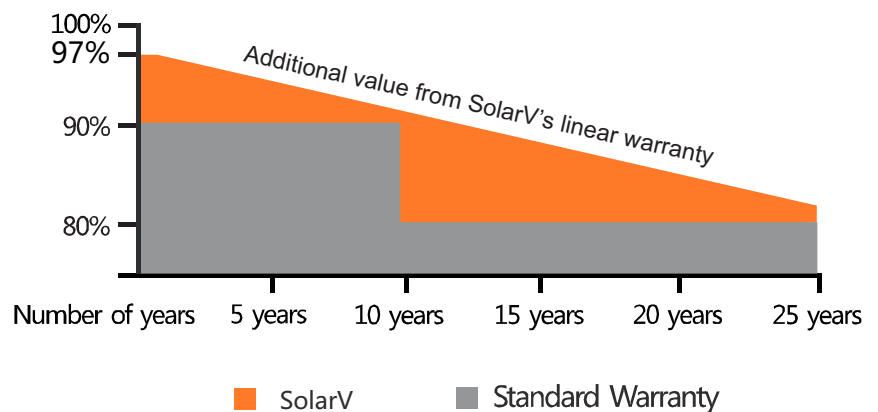
Excellent performance under low light conditions



Certified for salt/ammonia corrosion resistance



Load certificates: wind to 2400Pa and snow to 5400Pa



Note:

All information and data are subject to change without notice.
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Electrical Characteristics at Standard Test Conditions(STC)

Module Type	SV380-72M	SV375-72M	SV370-72M	SV365-72M	SV360-72M
Maximum Power - Pmax (W)	380	375	370	365	360
Open Circuit Voltage - Voc (V)	47.8	47.6	47.5	47.4	47.3
Short Circuit Current - Isc (A)	10.07	9.98	9.9	9.79	9.67
Maximum Power Voltage - Vmpp (V)	39.3	39.1	38.9	38.8	38.6
Maximum Power Current - Impp (A)	9.67	9.59	9.52	9.41	9.33
Module Efficiency	19.62%	19.37%	19.11%	18.85%	18.59%

Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Tolerance of Pmpp: 0~+3%.

Measuring uncertainty of power: ±3%.

Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	SV380-72M	SV375-72M	SV370-72M	SV365-72M	SV360-72M
Maximum Power - Pmax (W)	281	277.4	274.1	270.3	267
Open Circuit Voltage - Voc (V)	44.2	44	43.9	43.8	43.7
Short Circuit Current - Isc (A)	8.14	8.06	8	7.91	7.81
Maximum Power Voltage - Vmpp (V)	36.6	36.5	36.3	36.2	36.2
Maximum Power Current - Impp (A)	7.68	7.61	7.54	7.46	7.37

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)
Voltage Temperature Coefficient	-0.29%/°C
Current Temperature Coefficient	+0.05%/°C
Power Temperature Coefficient	-0.39%/°C

Maximum Ratings

Maximum System Voltage [V]	1000
	20

Material Characteristics

Dimensions	1956×990×40mm (L×W×H)
Weight	22.0kg
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 (156.75mm×156.75mm)
Junction Box	Rated current≥13A, IP≥67, TUV&UL
Cable&Connector	Length 1200 mm, 1×4 mm ² , compatible with MC4

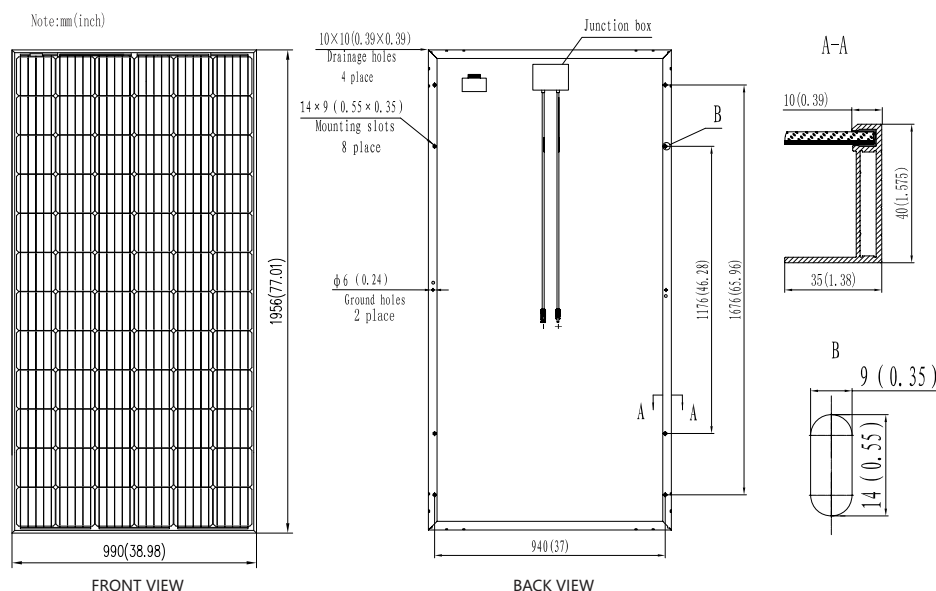
Packaging

Dimensions	1980×1140×1120mm
Container 20'	270
Container 40'	648
Container 40'HC	708

System Design

Temperature Range	-40 °C to + 85 °C
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m/s
Maximum Surface Load	5,400 Pa
Application class	class A

Dimensions



IV-Curves

