

Solar Panel, Solar Modules, Solar Photovoltaic Modules, PV Modules

PVSK-360M

PVSK-370M

PVSK-380M

PVSK-390M

PVSK-400M

Explain Model No	Product name	Solar cell number	Solar Cell Type	Wattage	Silicon Type
	PVSK-380M	72 PCS	156 × 156mm	380W	M:Monocrystalline

Remark: PVSK-380M is most common model.

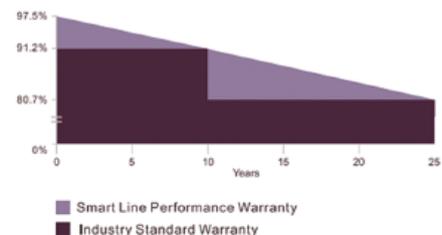
Features

- Tempered and high transparent low-iron glass**
 directs more light on the solar cells, resulting in a higher energy yield.
- Excellent low-light performance**
 produces energy even at low light levels, especially in the morning, evening and winter season.
- Special and advanced module sealing technology**
 to avoid leakage and frame deformation.
- Well-suited module size**
 for almost all PV applications.
- Durable PV modules**
 can be used for harsh environmental conditions, such as exposure to salt mist, and known potential induced degradation risk factors.



Warning: Read the Installation and User Manual in its entirety before handling, installing, and operation smart Solar modules.

Module Warranty



Note: This publication summarizes product warranty and Specifications which are subject to change without notice

25-year limited warranty of 80% power output;
 10-year limited warranty of 90% power output;
 5-year limited warranty of materials and workmanship.

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ELECTRICAL PERFORMANCE

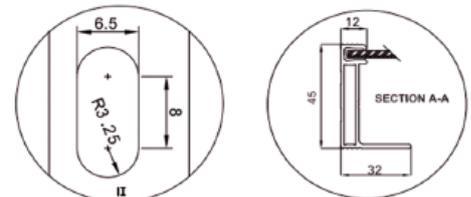
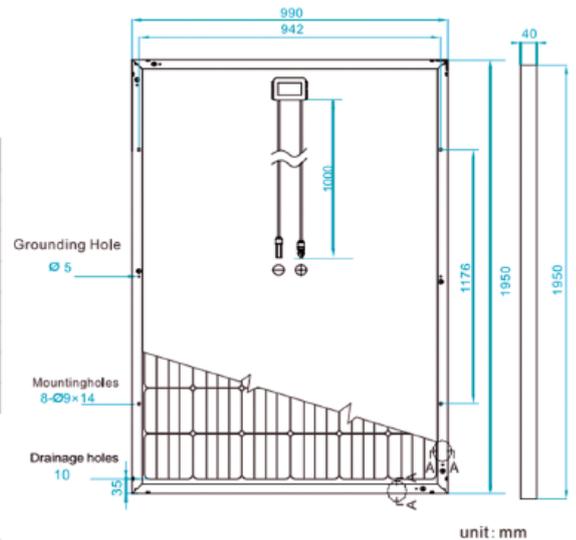
Electrical parameters at Standard Test Conditions(STC)							
Module type			PVSK-360M	PVSK-370M	PVSK-380M	PVSK-390M	PVSK-400M
Power output	P_{max}	W	360	370	380	390	400
Power output tolerances	ΔP_{max}	W	0/+5	0/+5	0/+5	0/+5	0/+5
Module efficiency	η_m	%	19.5	19.6	19.7	19.8	19.9
Voltage at P max	V_{mp}	V	36.07	36.07	36.07	36.07	36.07
Current at P max	I_{mp}	A	9.98	10.26	10.53	10.81	11.09
Open-circuit voltage	V_{oc}	V	43.65	43.65	43.65	43.65	43.65
Short-circuit current	I_{sc}	A	10.68	10.98	11.27	11.57	11.87

STC:1000W/m² irradiance, 25°C module temperature, AM1.5g spectrum according to EN60904-3. Average relative efficiency reduction of 3.3% at 200W/m² according to EN 60904-1.

Thermal Characteristics			
Nominal operating cell temperature	NOCT	°C	46+/-2
Temperature coefficient of P_{max}	γ	%/°C	-0.42
Temperature coefficient of V_{oc}	β_{Voc}	%/°C	-0.32
Temperature coefficient of I_{sc}	α_{Isc}	%/°C	0.05
Temperature coefficient of V_{mpp}	β_{Vmpp}	%/°C	-0.42

Operating Conditions	
Max.system voltage	1000VDC
Max.series fuse rating	15A
Limiting reverse current	15A
Operating temperature range	-40□ to 85□
Max.static load,front(e.g.,snow)	5400Pa
Max.static load,back(e.g.,wind)	2400Pa
Max.hailstone impact(diameter/velocity)	25mm/23m/s

Construction Materials	
Front cover(material/thickness)	low-iron tempered glass/4.0mm
Cell(quantity/material/dimensions /number of busbars)	72/ monocrystalline silicon /156mm×156mm 4 or 5
Frame(material/color/anodization color/edge sealing)	anodized aluminum alloy/silver/clear /silicone or tape
Junction box(protection degree)	≥IP65
Cable(length/cross-sectional area)	1100mm/4mm ²
Plug connector(type/protection degree)	MC4/IP67 or YT08-1/IP67 or Amphenol H4/IP68
Dimensions(L/W/H)	1950mm/992mm/40mm
Weight	19.5kg



Module Diagram

