

PV Module

- 12 Year Warranty
- High Efficiency
- High Reliability
- IP68 Rated

Hefei Energon New Energy Co., Ltd.
Imported by SVAN TRADING S.L.
Av. Altos Hornos S/N.
Pto. Sagunto (46520). Valencia, España.

PROTECT YOUR WARRANTY

This unit must be installed by a registered, licensed installer as required by Government regulations.

Technical Specifications

Performance								
Reference	SSRSP041K		SSRSP046K		SSRSP054K		SSRSP066K	
Factory Reference	ID-PV410		ID-PV460		ID-PV540		ID-PV660	
Test Conditions	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (W)	410	308.9	460	346.5	540	406.8	660	500.2
Short-circuit Current (A)	13.85	11.19	13.8.5	1119	13.70	11.07	18.44	14.90
Open-circuit Voltage (V)	37.6	35.1	42.0	39.3	49.8	46.5	45.6	42.7
Maximum Power Current (A)	13.02	10.61	13.0	10.61	12.86	10.49	17.42	14.12
Maximum Power Voltage (V)	31.5	29.1	35.4	32.7	42.0	38.8	37.9	35.4
Module Efficiency (%)	21.00		21..25		20.90		21.25	
Max. over-current Protection Rating (A)	25		25		25		30	
Power Tolerance (W)	0~ +5							
Measuring Uncertainty of Pm (%)	0~ ±5							
Maximum System voltage (V)	1500							
General								
Junction Box	IP68							
Frame	Anodised Aluminium							
Cable	4 mm² +300,-300 mm Length can be customized							
Fire Class Rating	Class C according to UL 790							
Connector(Model/Brand)	PV-TT02/Chuangda; PV-ST101/Hengda; PV-ZPJ030A/40th Institute							
Operating Temperature (°C)	-40 to +85							
Snow Load (pa)	5400							
Standards	IEC 61215 & IEC 61730 & ISO9001							
Dimensions (mm)	1722 X 1134 X 30		1909 X 1134 X 35		2278 X 1134 X 35		2384 X 1303 X 35	
Weight (kg)	21.5		24.5		29.0		34.5	
Temperature Characteristics								
NMOT (℃)	45 ± 2							
Temp Coefficient of VOC (%/ °C)	-0.27		-0.27		-0.27		-0.26	
Temp Coefficient of ISC (%/ °C)	+0.05		+0.05		+0.05		+0.04	
Temp Coefficient of Pmax (%/ °C)	-0.35		-0.35		-0.35		-0.34	

- STC (Standard Test Conditions): 1000 W/m² Irradiance, 25 °C Cell Temperature, AM 1.5.
- NMOT (Normal Module Operation Temperature): 800 W/m² Irradiance, 20 °C Ambient Temperature, Wind Speed 1 m/s.

Made in P.R.C