

PV Module





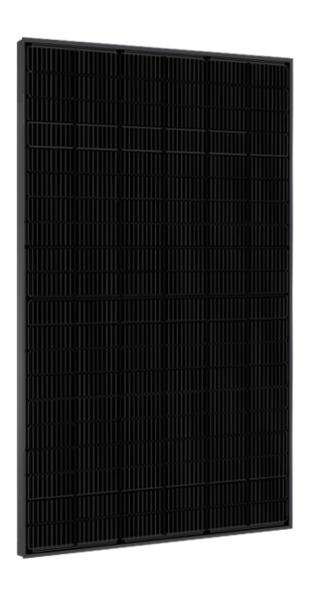
High Efficiency



High Reliability



IP68 Rated



AFTER SALES SUPPORT 1300 886 605

PROTECT YOUR WARRANTY

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

Technical Specifications

Performance							
Model Number	AS-PV380S-60M-H6 AS-PV380B-60M-H6			AS-PV410S-54M-H8 AS-PV410B-54M-H8		AS-PV450S-72M-H6 AS-PV450B-72M-H6	
Test Conditions	STC	NMOT	STC	NMOT	STC	NMOT	
Maximum Power (W)	380	285.6	410	308.9	450	338.3	
Short-circuit Current (A)	11.42	9.23	13.85	11.19	11.36	9.18	
Open-circuit Voltage (V)	41.7	38.9	37.6	35.1	50.0	46.6	
Maximum Power Current (A)	10.92	8.75	13.02	10.61	10.87	8.70	
Maximum Power Voltage (V)	34.8	32.7	31.5	29.1	41.4	38.9	
Module Efficiency (%)	20.54		21	21.00		20.37	
Max. over-current protection rating (A)	20		:	25		20	
Power Tolerance (W)			0~	~ + 5			
Measuring Uncertainty of Pm (%)	0~ ±5						
Maximum System Voltage	e (V)		1:	500			
General							
Junction Box			IF	P68			
Frame	Anodised Aluminium						
Cable	4 mm² +300,-300 mm Length can be customized						
Fire Class Rating			Class C acco	rding to UL 790			
Connector(Model/Brand)		PV-TT02/	Chuangda; PV-ST101/	Hengda; PV-ZPJ030 <i>l</i>	V40th Institute		
Operating Temperature (°C)	-40 to +85						
Snow Load (pa)	5400						
Standards	IEC 61215 & IEC 61730 & ISO9001						
Dimensions (mm)	1765 x 1048 x 30		1722 x	1722 x 1134 x 35		2108 x 1048 x 35	
Weight (kg)	20.5		2	22.0		24.5	
Temperature Cha	aracteri	stics					
NMOT (°C)			45	i ± 2			
Temp Coefficient of VOC (%/ °C)	-0.29		-0	-0.27		-0.29	
Temp Coefficient of ISC (%/ °C)	+0.05		+(+0.05		+0.05	
Temp Coefficient of Pmax (%/ °C)	-0.36		-C	-0.35		-0.36	

- 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.
- NOTE: Clamps are not used for these PV Modules.