

SPM125P

FEATURE:

- IEC61215, TUV certification
- UL 1703 certification
- Using high efficiency 6” Multicrystalline cells.
- Using low iron tempered glass and an EVA pottant with TPT back sheet to encapsulated cells.
- Anodized aluminum frame protected structural strength.
- 10 years limited warranty of 90% power output and 25 years limited warranty of 80% power output.



High-efficiency, High-Quality Multicrystalline Photovoltaic Module

ASUN Energy manufactures clean, elegant and durable modules with advanced industry-leading performance for different electrical power requirements. It is designed and built to deliver highest efficiency and reliable power for on-grid residential and commercial systems worldwide.



ASUN 125Watt panels could applied in Residential roof top systems, Large commercial grid tie systems, Water Pumping systems, High Voltage stand alone systems, Electrification of villages in remote areas, Power source for summer vacation homes, Recreational Vehicles, etc.



ELECTRICAL CHARACTERISTICS				
	SPM135P	SPM130P	SPM125P	SPM120P
Power at STC(P _m)	135W	130W	125W	120W
Maximum power voltage(V _{pm})	18.3V	18.1V	18.0V	17.3V
Maximum power current(I _{pm})	7.56A	7.38A	7.11A	7.0A
Open circuit voltage(V _{oc})	22.2V	22.0V	21.9V	21.9V
Short circuit current(I _{sc})	8.08A	7.89A	7.68A	7.72A
Tolerance	±5%	±5%	±5%	±5%
Module efficiency	13.47%	12.97%	12.47%	11.98%
Maximum system voltage	1000V DC			
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5			
Temperature coefficient	I _{sc} :0.05%/K	V _{oc} :-0.36%/K	P _{max} :-0.46%/K	

Specifications	
Cell	Polycrystalline silicon solar cell, (156mmx156mm)
No. of cell and connection	36 (4x9)
Dimension	1482mm (58.3in) x 676mm (26.6in) x 50mm (1.97in)
Weight	13.5KG

AMBIENT CONDITIONS	
Operating Temperature	-40°C to +85°C
Storage Humidity	<90%

Output	
Type of output terminal	Junction box
Cable	Length 900mm

