

SPM085P

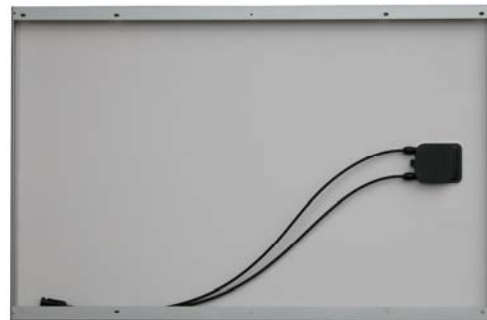
FEATURE:

- 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 85Watt panels could applied in Electrification of villages in remote areas, Power source for summer vacation homes, Emergency communication systems, Microwave/radio repeater stations, Water quality and environmental data monitoring systems, Railroad signals, Pumping systems for irrigation, rural water supplies, Recreational Vehicles, etc.



ELECTRICAL CHARACTERISTICS			
	SPM090P	SPM085P	SPM080P
Power at STC(P _m)	90W	85W	80W
Maximum power voltage(V _{pm})	18.3V	17.9V	17.3V
Maximum power current(I _{pm})	5.04A	4.84A	4.7A
Open circuit voltage(V _{oc})	22.2V	21.9V	21.9V
Short circuit current(I _{sc})	5.38A	5.17A	5.1A
Tolerance	±5%	±5%	±5%
Module efficiency	13.27%	12.53%	11.79%
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	Multicrystalline silicon solar cell, (156mmx104mm)
No. of cell and connection	36 (4x9)
Dimension	1014mm (39.9in) x669mm(26.3in)x35mm(1.38in)
Weight	8.5KG

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

OUT PUT	
Type of output terminal	Junction box
Cable	Length 900mm

