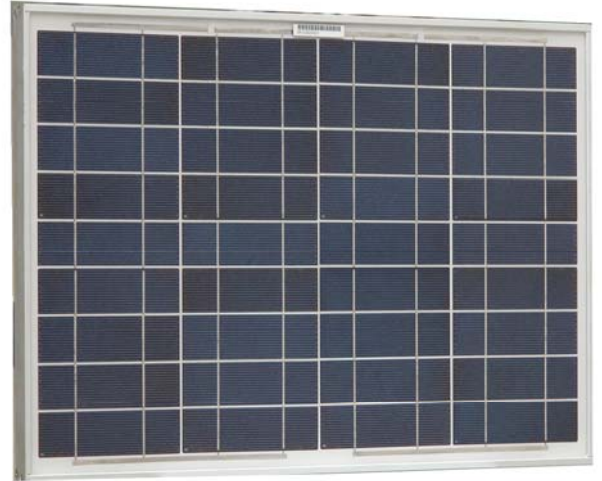


## SPM030P

### 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 30Watt panels could applied in Electrification of villages in remote areas, Power source for summer vacation homes, Emergency communication systems, Microwave/radio repeater stations, railroad signals, Water quality and environmental data monitoring systems, etc.



ELECTRICAL CHARACTERISTICS			
	SPM034P	SPM030P	
Power at STC(P <sub>m</sub> )	34W	30W	
Maximum power voltage(V <sub>pm</sub> )	18.3V	17.3V	
Maximum power current(I <sub>pm</sub> )	1.89A	1.77A	
Open circuit voltage(V <sub>oc</sub> )	22.2V	21.9V	
Short circuit current(I <sub>sc</sub> )	2.02A	1.93A	
Tolerance	±5%	±5%	
Module efficiency	12.39%	10.9%	
Maximum system voltage	1000V DC		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m <sup>2</sup> , AM=1.5		
Temperature coefficient	I <sub>sc</sub> :0.05%/K	V <sub>oc</sub> :-0.36%/K	P <sub>max</sub> :-0.46%/K

Specifications	
Cell	Multicrystalline silicon solar cell, (156mmx39mm)
No. of cell and connection	36 (4x9)
Dimension	666mm (26.2in) x412mm(16.2in)x25mm(0.98in)
Weight	3.5KG

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

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

