

# Solar AC Module System



## SPP PV-230AC



*Built-In Micro Inverter*



*Plug & Play Packages*



*Safest PV Product on the Market*

The AC Module System developed by Solar Panels Plus is a perfect solution to rising power costs, without the complications or expense of traditional PV systems.

The AC Module System easily integrates into your existing power grid, installs quickly & easily, and provides free power for your home or business for decades – all while avoiding a large out of pocket investment.



Certified to UL1741

## Mechanical Specifications

Module Specifications	
Front Glass:	3.2mm - Tempered
Cell:	60 Solar Cells
Cell Materials:	Poly-Crystalline
Cell Size:	156mm x 156mm
Frame Materials:	Anodized Aluminum

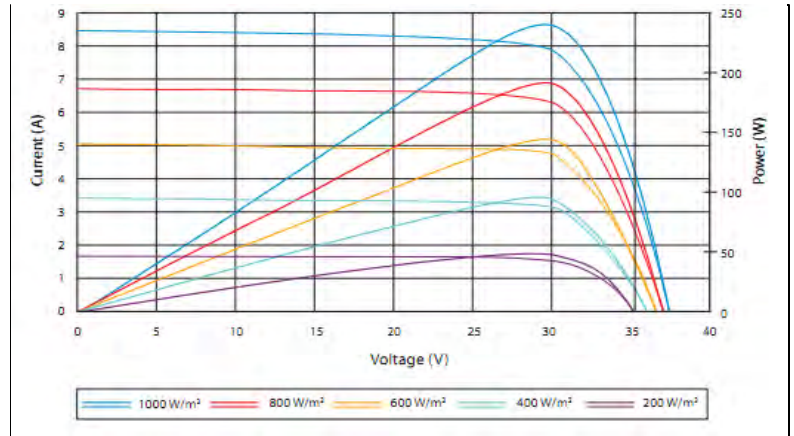
Micro-Inverter Specifications	
Dimensions:	17.8cm x 16.8cm x 5cm
Enclosure Rating:	NEMA 4x
Enclosure Materials:	Anodized aluminum, stainless steel
Operating Temp Range:	-40°C to 70°C

Racking Specifications	
Racking Materials:	Structural aluminum, stainless steel
Type:	Flush mount rail
Hardware Size	5/16"
Hardware Materials:	Stainless steel

Monitoring System Specifications	
Max Strings:	2
Max Modules per String:	10
PV Connection Type:	2 AC Connections
Wifi:	Enabled, 802.11g
Display:	4 x 20 back-light display

## Module Performance Specifications & Certifications

<i>DC Electrical Data (Module Performance Data)</i>	
Peak Output (DC)	230W
Module Efficiency	13.9%
Nominal Voltage	29.9V
Nominal Current	7.69A
Open Circuit Voltage	37.2V
Short Circuit Current	8.24A



<i>AC Electrical Data (Microinverter Performance Data)</i>	
Peak Output (AC)	216W
Peak Efficiency	95.8%
Nominal Voltage	120Vac
Nominal Current	1.8A
Electrical Operating Range	108-132Vac
Total Harmonic Distortion	< 5%
Night Power Consumption	0 Watts
Frequency Range	59.3hz to 60.5hz
Minimum Feed-In Power	< 1 Watt

<i>Module Warranties &amp; Certifications</i>	
Output Warranty	12 Year – 90% 25 Year – 80%
Workmanship Warranty	10 Year
Certifications	IEC61215 Safety Tested IEC61730 CE Certified

## Dimensions

<i>Dimensions &amp; Weight</i>	
Length	1652mm (65")
Width	1000mm (39.4")
Thickness	50mm (1.96")
Weight	21kg (46lbs)

