

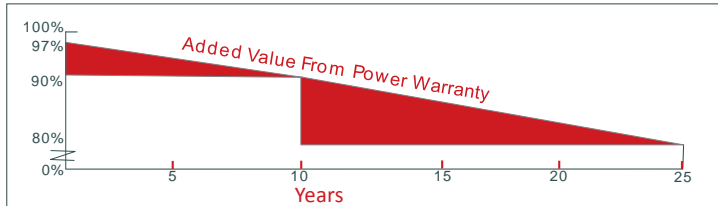
ADVANCE SOLAR POWER S1 & S2 SERIES



ADVANCED SOLAR POWER | MODULES

Advanced Solar Power is a leading manufacturer of solar modules. The modules are designed and manufactured using stringent product design guidelines and quality control processes that ensure they deliver the output power and have long-term reliability. Our in-house PV testing as well as UL certification PV testing ensure that all module component materials meet the highest quality standards possible.

PRODUCT | WARRANTY & INSURANCE



10 YEARS Product warranty on materials and workmanship. Power output warranty for 90 % of nominal power.

25 YEARS Power output warranty for 80 % over 25 years.

PRODUCT & MANAGEMENT SYSTEM | FREE RECYCLING

Modules are life cycle managed with a collection and recycling program that provides module owners end-of-life take back and recycling of the modules at no cost.

PRODUCT & MANAGEMENT SYSTEM | QUALITY APPROVALS

UL1703

ISO9001:2008 | Quality Management System

PRODUCT DEALER

WCP SOLAR 1057 Shore Rd., Naperville IL 60563.
630.729.2099 · www.wcpsolar.com

PRODUCT | ELECTRICAL DATA

	S1 Series		S2 Series	
	ASP-S1-80	ASP-S1-85	ASP-S2-80	ASP-S2-85*
Nominal Maximum Power (Pmax)	80W	85W	80W	85W
Open-Circuit Voltage (Voc)	118.2V	120.5V	58.8V	60.2V
Short-Circuit Current (Isc)	0.95A	0.98A	1.90A	1.97A
Voltage at Max. Power (Vm)	94.1V	96.6V	47.4V	48.3V
Current at Max. Power (Im)	0.85A	0.88A	1.68A	1.76A
Max. System Voltage VSYS	1000 (600UL)		1000 (600UL)	
Limiting Reverse Current IR	3.5A	3.5A	3.5A	3.5A
Max. Series Fuse Current ICF	3.5A	3.5A	3.5A	3.5A

Electrical data is based on standard test conditions (STC) of irradiance of 1000W/m², spectrum AM 1.5 and cell temperature of 25°C.

* UL Certified Only

PRODUCT | MECHANICAL DATA

Cell Type:	Cadmium Telluride (CdTe)
Front Cover Type:	3.2mm Normal Glass
Dimensions:	1200 mm x 600mm x 6.8mm
Area:	0.72 m ²
Weight:	11.8 kg (26.0 lbs.)
Module Frame:	None
Bypass Diode:	10A
Lead Cable:	2.5 mm ² & 650 mm Long
Connectors:	MC4 or MC4 Comparable
Encapsulation:	EVA // Edge Seal

TEMPERATURE | CHARACTERISTIC

Temperature Coefficient of Isc:	0.060%/°C Temperature
Coefficient of Voc:	-0.321%/°C Temperature
Coefficient of Pmax:	0.214%/°C

MODULE | ENGINEERING DRAWING

REAR VIEW

