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EnergyPal

Solar Panel Guide Specification Data Sheet

**Access Solar Limited
ASL 245-270W(60)
ASL-260Wp**

Also available on the web at
EnergyPal.com/access-solar-limited-solar-panels/asl-260wp



ASL 245-270W(60)

ASL-245Wp ASL-250Wp ASL-255Wp
ASL-260Wp ASL-265Wp ASL-270Wp

IEC 61215 | IEC 61730 - 1&2 | IEC 61701 Edition 2, SEV 1
IEC 61853 Part 1 | IEC 62804 | IECCE CB Certification
Certified for PID resistance






ASL'S NEW linear performance Warranty





Strengths

Warranty

Certifications

-  Tolerance: 0~+5W
-  Plug&Play Connectors
-  High transmsion,low iron Tempered Glass
-  Bypass Diodes Protection
-  Salt Mist And Ammonia Resistance Test

-  Manufacturing 12 Years
-  Power Production 90% 10 Years 80% 26 Years



Central Sales and Corporate Office

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Photovoltaic Modules

Module	ASL 245-270W(60)						
Encapsulation	Glass/EVA/Cell/EVA/Backsheet						
Size and Number of cells	156mmx156mm 60 Cells						
Maximum Power Pmax	W	245	250	255	260	265	270
Maximum Power Voltage (Vmp)	V	30.36	30.60	30.72	31.08	31.25	31.56
Maximum Power Current (Vmp)	A	8.07	8.17	8.30	8.37	8.48	8.56
Open Circuit Voltage(Voc)	V	37.34	37.64	37.79	38.23	38.60	38.82
Short Circuit Current (Isc)	A	8.64	8.75	8.89	8.95	9.04	9.15
Cell Efficiency	%	17.13	17.48	17.80	18.12	18.47	18.71
Module Efficiency	%	15.09	15.40	15.70	16.01	16.32	16.69
Tolerance	%	0~+3					
Max System Open Circuit Voltage	V	1000					
Diodes	3by-pass						
Dimension	mm	1640x992x35*				* Dimensions may vary based on the availability of the glass	
Weight	Kg	21					
Operate Temperature Scope	c	-40/+85					
Relative Humidity	0~100%						
Frame Thickness	mm	35					
Frame Colour	Sliver						

Temperature Coefficients

NOCT	45°C±2°C	
Short Circuit Current Temperature Coefficients	$\alpha(Lst)$	+0.045%/°C
Open Circuit Current Temperature Coefficients	$\beta(voc)$	-0.292%/°C
Peak Power Temperature Coefficients	$Y(Pmax)$	-0.408%/°C

NOCT : Nominal Operating Cell Temperature is only for Reference

Output

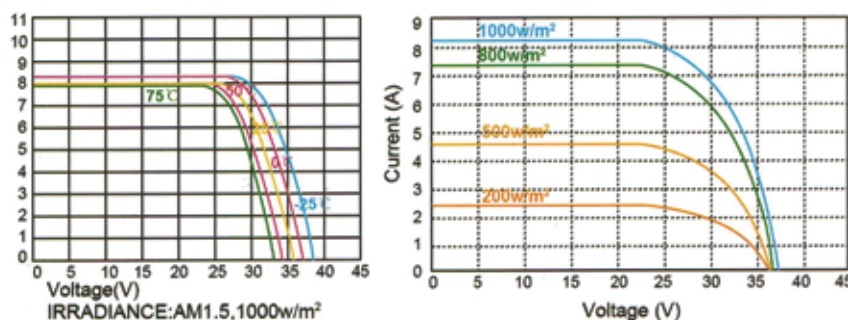
Cable 4.0mm² Length 1000mm Connector MC4 type

Advantage

The ASL Series modules consist of poly-crystalline high efficient silicon cells, which are individually characterized and electronically matched before interconnection and laminated with toughened glass, EVA and TPT of high quality.

After assembled with anodized aluminum alloy frame, cable and junction box with MC4 Connectors, ASL Solar modules can be installed easily and work for a long period. At the same time, they can with stand the storm, strong wind and hail impact, etc.

I-V CURVES



Dimensions

