



ASL 290-330W(72)

ASL-290Wp	ASL-295Wp	ASL-300Wp
ASL-305Wp	ASL-310Wp	ASL-315Wp
ASL-320Wp	ASL-325Wp	ASL-330Wp

IEC 61215 | IEC 61730 - 1&2 | IEC 61701 Edition 2, SEV 1
 IEC 61853 Part 1 | IEC 62804 | IECEE 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



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Photovoltaic Modules

Module	ASL 290-330W(72)										
Encapsulation	Glass/EVA/Cell/EVA/Backsheet										
Size and Number of cells	156mmx156mm 72 Cells										
Maximum Power Pmax	W	290	295	300	305	310	315	320	325	330	
Maximum Power Voltage (Vmp)	V	36.29	36.43	36.72	37.12	37.55	37.68	37.85	38.02	38.16	
Maximum Power Current (Vmp)	A	7.99	8.10	8.17	8.22	8.26	8.36	8.46	8.55	8.65	
Open Circuit Voltage(Voc)	V	44.43	44.81	45.17	45.66	46.19	46.35	46.56	46.76	46.94	
Short Circuit Current (Isc)	A	8.55	8.67	8.74	8.79	8.84	8.95	9.05	9.15	9.25	
Cell Efficiency	%	16.75	17.13	17.48	17.80	18.12	18.47	18.63	18.93	19.22	
Module Efficiency	%	14.78	15.09	15.40	15.70	16.01	16.32	16.69	16.95	17.12	
Tolerance	%										0~+3
Max System Open Circuit Voltage	V										1000
Diodes											3by-pass
Dimension	mm										1956x992x40* * Dimensions may vary based on the availability of the glass
Weight	Kg										24
Operate Temperature Scope	°C										-40/+85
Relative Humidity											0~100%
Frame Thickness	mm										40
Frame Colour											Sliver

Temperature Coefficients

NOCT	45°C±2°C	
Short Circuit Current Temperature Coefficients	$\alpha(I_{sc})$	+0.045%/°C
Open Circuit Current Temperature Coefficients	$\beta(V_{oc})$	-0.292%/°C
Peak Power Temperature Coefficients	$\gamma(P_{max})$	-0.408%/°C

NOCT : Nominal Operating Cell Temperature is only for Reference

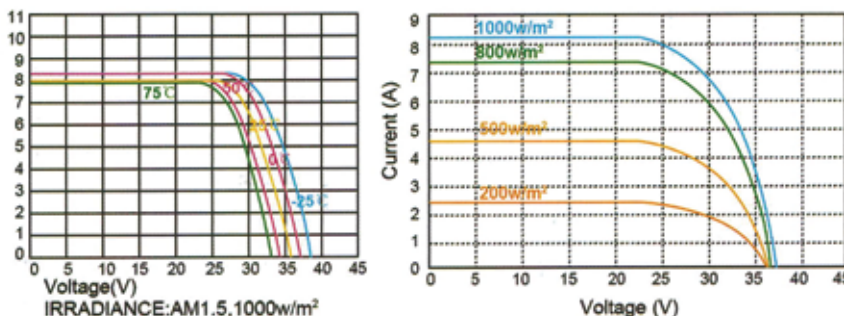
Output		
Cable 4.0mm ²	Length 1000mm	Connector MC4 type

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

