

# 575~605W

AS575~605M10-156

## MORE POWER

UP TO  
21.65%

Maximize the light absorption area,  
module efficiency up to 21.65 %.



Low temperature coefficient (Pmax):  
-0.35 % /°C.



Better shading tolerance.

## MORE RELIABLE



Lower internal current,  
lower hot spot temperature.



Cell crack risk limited in small region,  
enhance the module reliability.



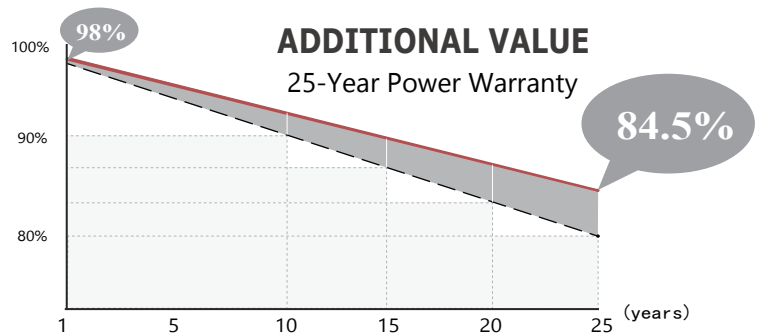
Heavy snow load up to 5400 Pa,  
wind load up to 2400 Pa.



12-year Product Warranty



25-year Linear Performance Warranty



AS575~605M10-156

# 575-605W

Half-Cell High Efficiency PV Module

**Weight**

**30.5kgs±3%**

**Cells Type**

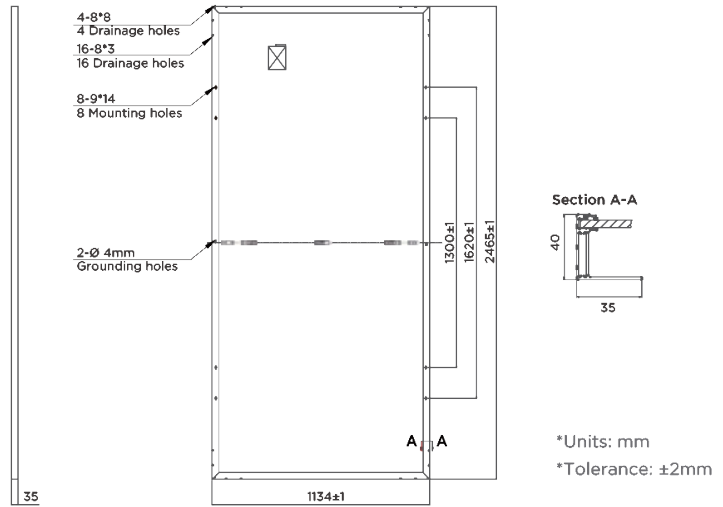
**Mono 182x91mm**

**Dimension(LxWxT)**

**2465±2mmx1134±2mmx35±1mm**

**Packaging**

**30pcs/pallet, 540pcs/40HQ container**



**MECHANICAL SPECIFICATION**

Cell	Mono
No.of cells	156(6x26)
Cable Length	300mm(+)/300mm(-)
Cable Cross Section Size	4mm <sup>2</sup> (IEC)
Junction Box	IP68,3 diodes
Connector	MC4 Compatible

**OPERATING PARAMETERS**

Maximum System Voltage	1500VDC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	25A
Maximum StaticLoad,Front	5400Pa(112lb/ft <sup>2</sup> )
Maximum StaticLoad,Back	2400Pa(50lb/ft <sup>2</sup> )
Safety Class	ClassII

**ELECTRICAL CHARACTERISTICS** STC:AM1.5 1000W/m<sup>2</sup> 25°C NOCT:AM1.5 800W/m<sup>2</sup> 20°C 1m/s Test uncertainty for Pmax ±3%

Module Type	AS575M10-156		AS585M10-156		AS595M10-156		AS600M10-156		AS605M10-156	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	575	437	585	445	595	453	600	457	605	461
Open Circuit Voltage(Voc/V)	51.02	49.25	51.28	49.49	51.54	49.52	51.67	49.51	51.8	49.56
Short Circuit Current(Isc/A)	14.25	11.27	14.39	11.35	14.53	11.43	14.60	11.47	14.67	11.51
Voltage at Maximum Power(Vmp/V)	43.04	41.03	43.34	41.47	43.64	41.91	43.79	42.13	43.94	42.35
Current at Maximum Power(Imp/A)	13.36	10.56	13.50	10.73	13.64	10.81	13.71	10.85	13.78	10.89
Module Efficiency(%)	20.57		20.93		21.29		21.47		21.65	

**TEMPERATURE RATINGS**

Norminal Operating Cell Temperature(NOCT)	45±2 C
Temperature Coefficient of Isc	+0.045%/C
Temperature Coefficient of Voc	-0.275%/C
Temperature Coefficient of Pmax	-0.350%/C

**I-V CURVE(AS575-605M10-156)**

