










RAYSTECH



P6 Polycrystalline Series 40W-170W

Products Characteristics

-  Widely using of the most popular and mature type of modules for off-grid system.
-  Leading manufacturing technology in PV industry, strictly controlling the quality of raw materials and the process of producing.
-  100% EL inspection, ensures modules are defects free.
-  Cells binned by current to improve module performance.
-  Anti reflective glass. Not only to increase the light absorption, but also to make the module has the function of self-cleaning in water environment, effectively reducing the power loss caused by dust.
-  Outstanding performance in low-light irradiance environments.
-  Excellent mechanical load resistance: Certified to withstand high wind loads(2400pa) and snow loads(5400pa).
-  High salt and ammonia resistance.
-  Positive power tolerance: 0~+5w.

Warranty



5 year product warranty.











10-years 90% of Min. rated output power, and 25-years 80% of Min. rated output power warranty.

Comprehensive Certificates

- ◆ ISO Certificate
- ◆ SGS-TUV Certificate
- ◆ CQC Certificate
- ◆ IEC61215、IEC61730 Certificate
- ◆ CE Certificate

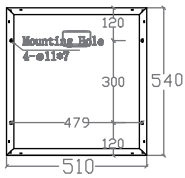


*Specifications subject to technology and test conditions, RAYSTECH reserves the right of final interpretation.

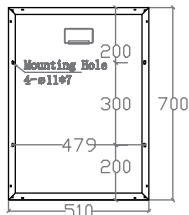
	Model No.	Pmax (W)	Dimension(mm)	Weight (kg)	Power Tolerance	Operating Temperature	Junction-Box	Application Grade	Packing	Cell Efficiency	Voc (V)	Vmp (V)	Isc (A)	Imp (A)	Cell Size (mm)
	P6-36-40	40W	540x510x25x25	2.6	0-+5W	-45~+80 C	IP65/IP67	ClassA	6pieces/box	18.5%	22.7	18.6	2.28	2.15	158.75x39
	P6-36-55	55W	700x510x25x25	4.4	0-+5W	-45~+80 C	IP65/IP67	ClassA	6pieces/box	18.5%	22.7	18.6	3.31	2.96	158.75x52.9
	P6-36-65	65W	820x510x25x25	5.2	0-+5W	-45~+80 C	IP65/IP67	ClassA	6pieces/box	18.1%	22.7	18.6	3.70	3.49	158.75x62.4
	P6-36-70	70W								19.3%	23.2	18.9	3.93	3.71	
	P6-36-80	80W	780x670x25x25	5.8	0-+5W	-45~+80 C	IP65/IP67	ClassA	6pieces/box	18.1%	22.6	18.5	4.58	4.32	158.75x78
	P6-36-85	85W								19.2%	23.1	19.0	4.75	4.48	
	P6-36-100	100W	920x670x28x25	6.8	0-+5W	-45~+80 C	IP65/IP67	ClassA	4pieces/box	18.6%	22.7	18.7	5.67	5.35	158.75x95
	P6-36-105	105W								19.3%	23.2	18.9	5.89	5.56	
	P6-36-110	110W	1020x670x28x25	7.7	0-+5W	-45~+80 C	IP65/IP67	ClassA	4pieces/box	18.5%	22.9	18.7	6.24	5.88	158.75x106
	P6-36-115	115W								19.3%	23.2	18.9	6.44	6.08	
	P6-36-120	120W	1120x670x28x25	8.3	0-+5W	-45~+80 C	IP65/IP67	ClassA	38pieces/Pallet	17.9%	22.9	18.7	6.80	6.42	158.75x117
	P6-36-125	125W								18.9%	23.1	18.9	7.02	6.62	
	P6-36-130	130W								19.3%	23.4	19.1	7.21	6.81	
	P6-36-165	165W	1470x670x28x25	11.2	0-+5W	-45~+80 C	IP65/IP67	ClassA	38pieces/Pallet	18.5%	23.1	18.9	9.25	8.73	158.75x158.75
	P6-36-170	170W								19.1%	23.4	19.1	9.44	8.91	

Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer Composite
Aluminium-Frame	Silvery/Black Anodized aluminium alloy
Cable	NA, but customized is acceptable
Connector	NA, but MC4 and MC4 Compatible are acceptable
Maximum System Voltage	700V
Maximum Series Fuse	10A
Temperature Coefficient of Isc	+0.06%
Temperature Coefficient of Voc	-0.32%
Temperature Coefficient of Pmp	-0.45%
Standard Test Condition	Irradiance:1000W/M ² , Cell Temperature:25 C, Spectrum AM:1.5

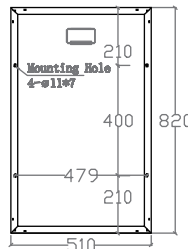
Engineering Drawings (Back Side)



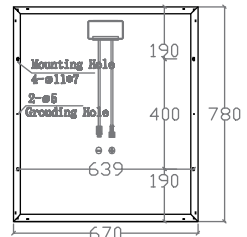
P6-36-40



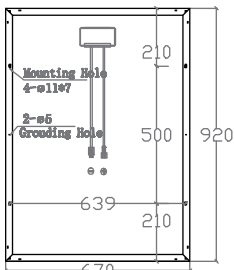
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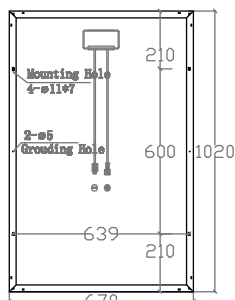
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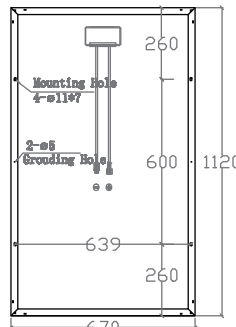
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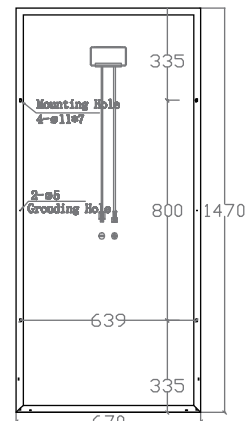
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P6-36-110-115



P6-36-120-130



P6-36-165-170