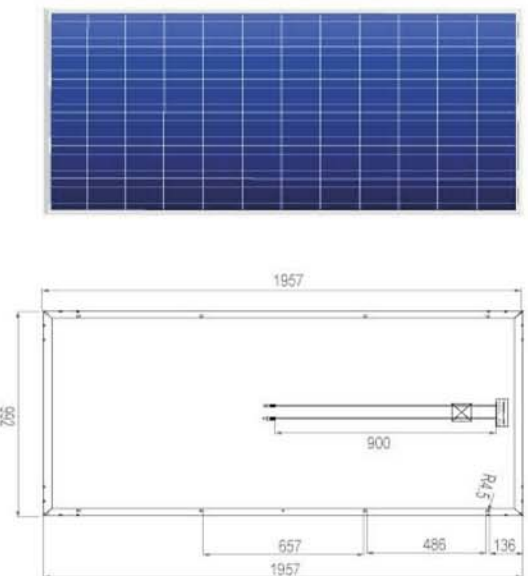


WF-P280 WF-P270 WF-P260 WF-P250 WF-P240

Multicrystalline Photovoltaic Modules



PHYSICAL CHARACTERISTICS Unit:mm(inch)



ELECTRICAL CHARACTERISTICS

Module type	Unit	WF 280P-42A			
Power range	W	240-280			
Open-circuit voltage (Voc)	V	41.40	42.00	42.60	43.20
Short-Circuit Current (Isc)	A	8.01	8.11	8.21	8.31
Max-power voltage (Vmp)	V	35.00	35.50	35.50	36.00
Max-power current (Imp)	A	6.86	7.04	7.33	7.50
Maximum power(Pmax)	W	240.00	250.00	260.00	270.00
Cell Efficiency	%	14.50	14.75	15.25	15.75
Number, Type and arrangement of Cell		72pcs multicrystalline silicon (12x6)			
Cell size	mm	156×156			
Power temperature coefficient	%/°C	-0.48			
Current temperature coefficient	%/°C	0.02			
Voltage temperature coefficient	%/°C	-0.33			
NOCT-Nominal operating cell temperature	°C	47±2			
Operating temperature	°C	-40~+85			
Max-System Voltage	VDC	1000			

STC:1000W/m², AM1.5, 25°C, cell temperature, NOCT Nominal Operating Cell Temperature

MACHANICAL CHARACTERISTICS

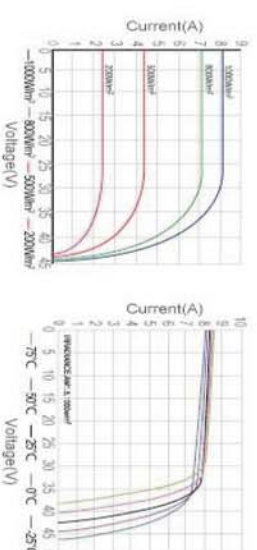
Dimension	1957mm×992mm×50/35mm
Weight	28kg
Cable Length	900mm
Bypass Diodes	6pcs
Junction Box	PVRH502B
Front Glass	3.2mm
Frame	Gush antenaceous oxidation

Specifications are subjected to change without further notice

Warranty:

- >Peak power of single module is guaranteed in ±3% power tolerance;
- >Average power of each order is guaranteed not less than the peak power;
- >5 years limited warranty on material and workmanship;
- >Limited warranty for 90% performance assurance on 10 years, 80% performance assurance on 25 years.

I-V CURVES



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