

PAN005 | PAN005P

SOLAR MODULE

MONOCRYSTALLINE

100W

MONOCRYSTALLINE

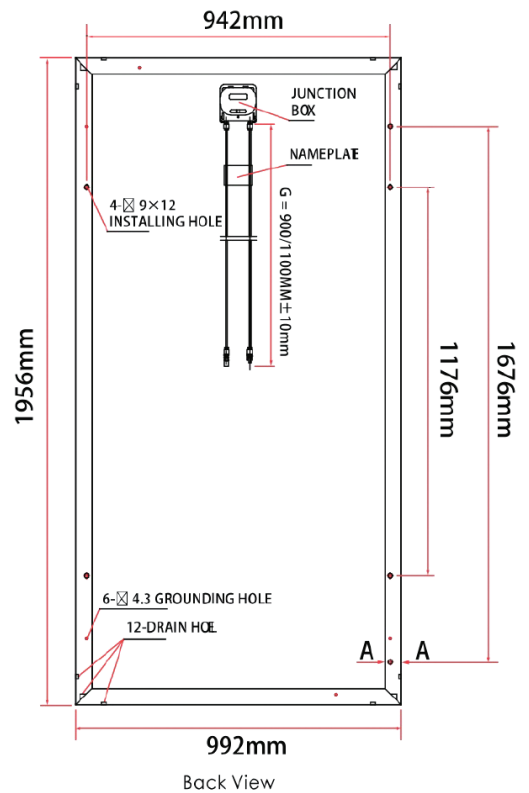
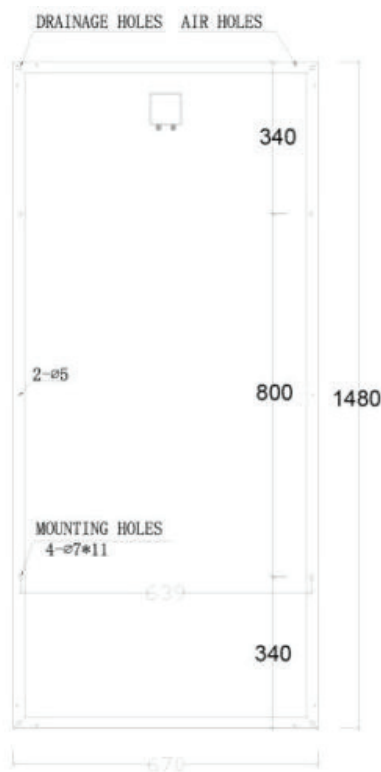
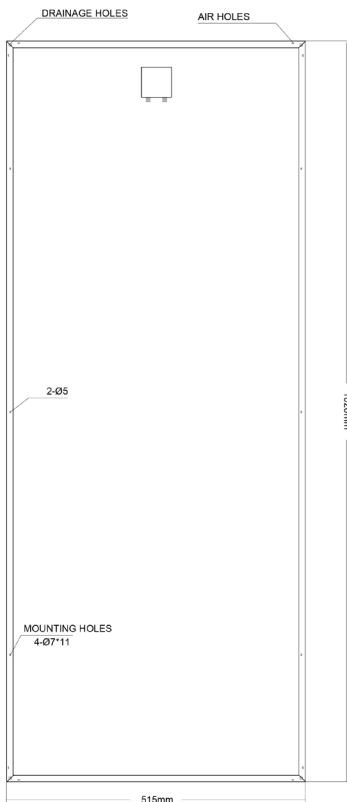
150W

MONOCRYSTALLINE

6M72 SERIES 340W

FEATURES & BENEFITS

- High Conversion Efficiency
- Power Tolerance 0~+3%
- Outstanding Performance in Low-Light Irradiance Environments



SOLAR MODULE	100W	150W	340W
Product Code	PAN005	PAN006	PAN007
Model Type	PW-100M	PW-150M	
Peak Power(Pmax)	100W	150W	340
Maximum Power Voltage (Vmp)	18.5V	17.5V	37.30
Maximum Power Current (Imp)	5.41A	8.63A	9.12A
Open Circuit Voltage (Voc)	24.36V	22.4V	45.77
Short Circuit Current (Isc)	4.35A	9.05A	9.46A
Module Efficiency (%)	19.03%	15%	17.5
Maximum System Voltage (V)	1000V	1000V	
Maximum Series Fuse Rating (A)	10A	10A	
Power Tolerance	0~+3%	0~+5%	0/+5
Operating Temperature (°C)	-40~+85	-40~+85 1000W/m ² ; AM 1.5;25 ±2°C	44°C (±2°K)
Standard Test Condition (STC)	1000W/m ² ; AM 1.5;25 ±2°C	PW-150M	
MECHANICAL CHARACTERISTICS			
Cell Type	Mono-Crystalline	Mono-Crystalline	Mono-crystalline 156 x 156 mm
NO. of Cells	3x12=36	36	72 cells (6 x 12)
Dimensions	1020x515x35mm	1480x670x35mm	
Weight	7.5Kg	11Kg	27.6 kg
Front Glass	3.2mm high transmission, low iron, tempered glass	3.2mm tempered glass	High transparency, Anti-reflective, AR coated and heat tempered solar glass – 4.0 mm
Frame	Anodized Aluminium Alloy	Silvery/Black Anodized aluminium alloy	Silver anodized aluminium alloy (black available)
Junction Box	IP65/IP67	IP65/IP67	IP 67 rated
Cables	2.5mm ² , 90cm length, MC4 connector	NA, but MC4 and MC4 Compatible are acceptable	Photovoltaic technology cable 4.0mm ² , 900mm (customized available)
Package Configurations	4pcs/carton	4pcs/carton	
TEMPERATURE RATINGS (STC)			
Temperature Coefficients of Isc	+0.060%	+0.06%	0.05%/K
Temperature Coefficients of Voc	-0.320%	-0.32%	-0.32%/K
Temperature Coefficients of Pmp	-0.450%	-0.45%	-0.41%/K
MECHANICAL LOADING			
Front Side Maximum Static Loading	5400PA	5400PA	
Back Side Maximum Static Loading	2400PA	2400PA	
Application Grade	Class A	Class A	
WARRANTY			
	10 years warranty on product materials		12 year workmanship warranty
	10 years 90% of Min rated output power		30 year linear performance warranty
	25 years 80% of Min rated output power		
	IEC 61215, IEC 61730		
	SGS-TUV, CE, ISO		

**PAN005P - JES 100W Mono Solar Panel - per pallet

**PAN006P - JES 150W Mono Solar Panel - per pallet

**PAN007P - JES 340W Mono Solar Panel - per pallet

