

MONO PERC

100~115W VE-100~115-36M



Electrical Performance

Module Type	VE-100-36M	VE-105-36M	VE-110-36M	VE-115-36M
Maximum Power at STC (Pmax)	100Wp	105Wp	110Wp	115Wp
Maximum Power Voltage (Vmp)	19.62V	20.25V	20.87V	21.48V
Maximum Power Current (Imp)	5.13A	5.20A	5.27A	5.35A
Open-circuit Voltage(Voc)	24.30V	24.62V	24.95V	25.28V
Short-circuit Current (Isc)	5.45A	5.59A	5.67A	5.75A
Cell Efficiency(%)	21.3%	22.2%	23.1%	24.0%
Module Efficiency(%)	17.15%	18.00%	18.86%	19.72%
Operating Temperature(°C)	-40°C+85°C			
Maximum system voltage	1500V DC			
Maximum rated current series	15A			
Power tolerance	0~+5W			
Temperature coefficients of Pmax	-0.42%/°C			
Temperature coefficients of Voc	-0.34%/°C			
Temperature coefficients of Isc	+0.061%/°C			
Nominal operating cell temperature.(NOCT)	46±2°C			

STC: Irradiance 1000 W/m²; Module temperature: 25°C; AM=1.5

Machanical Characteristics

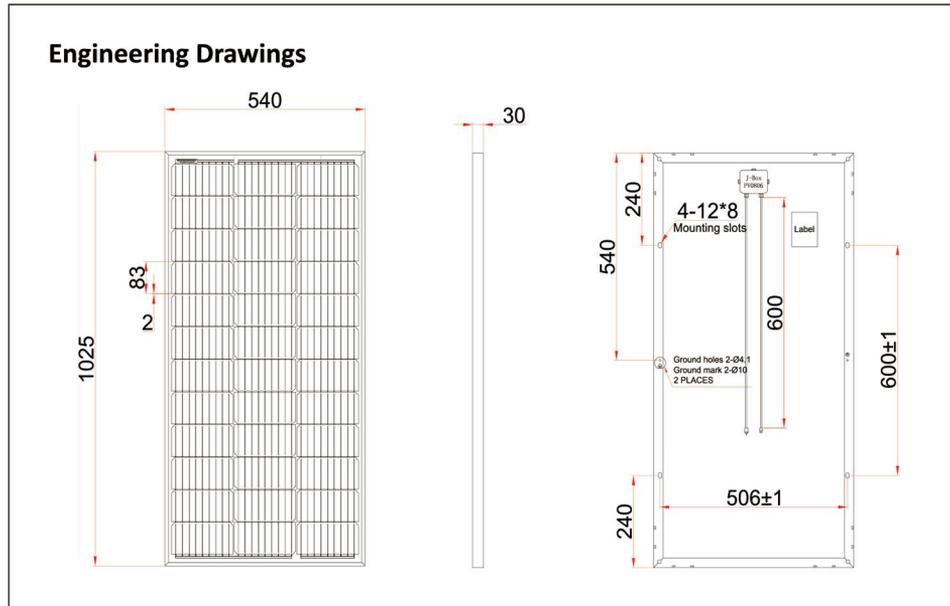
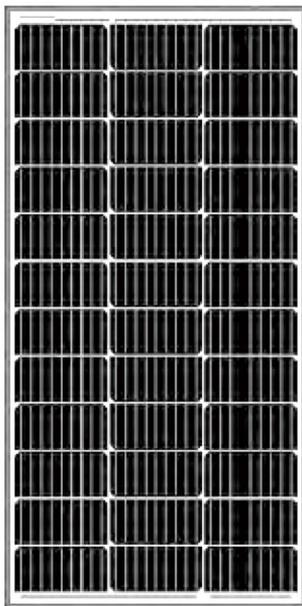
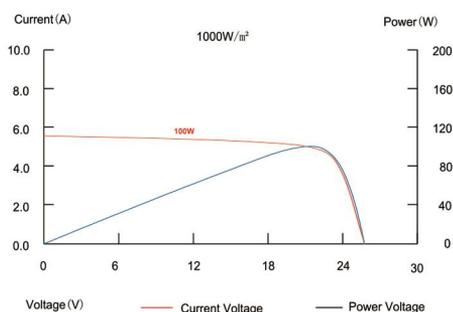
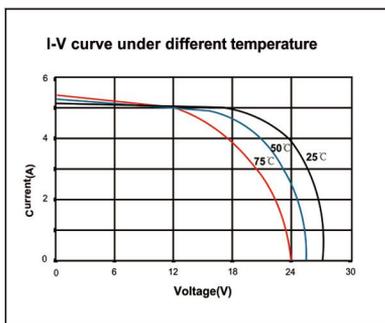
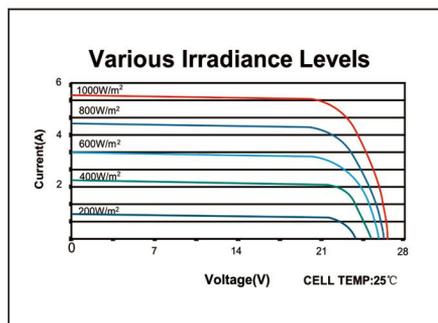
Cell Type (mm) Mono-crystalline	166x83
No. of cells	33 (3x11)
Dimension (mm)	1025x540x30
Weight	7.0kg
Front Glass	3.2 mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	UL 12AWG/TUV 1x2.5 mm ² ,Length:600mm

Standard Packaging

Quantity/Carton	36 pcs
Loading Quantity	20'GP 1080 pcs 40'HC 2376 pcs

Performance

Warranty	90% power output over 12 years 80% power output over 25 years
	Free from defects in materials and workmanship for 10 years



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