

200M-72

MONO CRYSTALLINE MODULE 180-200 Watt

Universal Solar introduces a brand-new line of high performance modules in wide application.

KEY FEATURES



Our solar cells offer high conversion efficiency to ensure the highest quality

Our high performing modules have an industry low tolerance of 0~+3% (optional)

The modules can withstand high wind-pressure, snow loads and extreme temperatures

Passed IEC 5400 Pa mechanical loading test

QUALITY & SAFETY

Industry leading power output warranty
(12 years/90%, 25 years/80%)

10-year warranty on materials & workmanship (optional)

ISO 9001:2008 (Quality Management System) certified factory

IEC61215, IEC61730 certified products



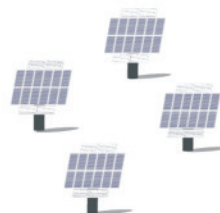
APPLICATIONS



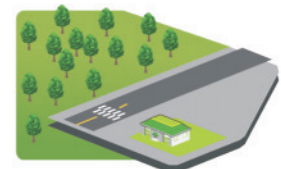
On-grid residential roof-tops



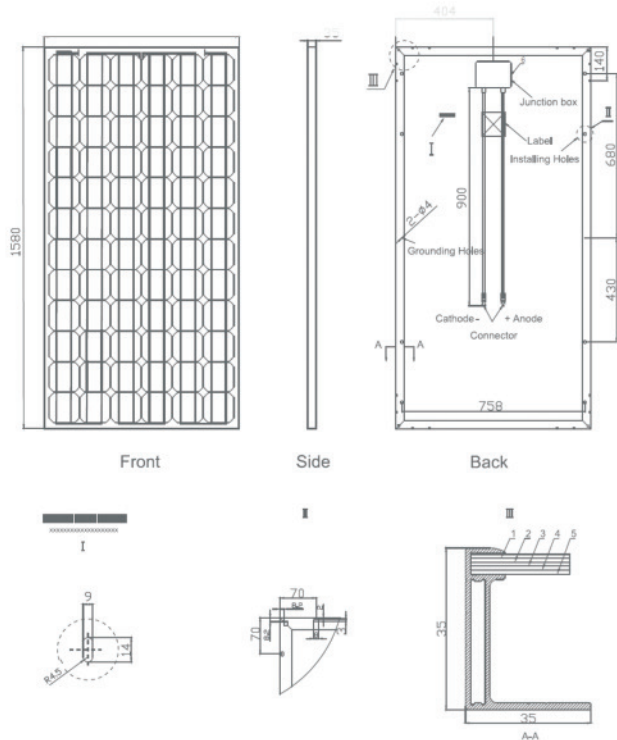
On-grid commercial/
industrial roof-tops



Solar power plants



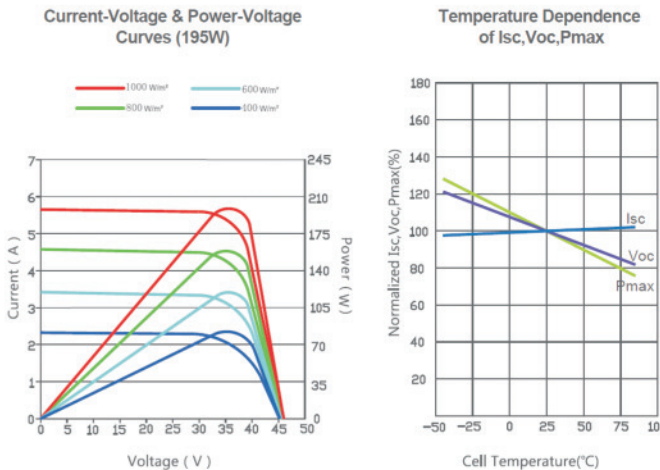
Off-grid systems



Packaging Configuration

(Two boxes + 4pcs addition module = One pallet)

28 pcs/box, 60 pcs/pallet, 840 pcs/40'HQ Container



Mechanical Characteristics

Cell Type	Mono-crystalline 125×125mm (5 inch)
No.of cells	72 (6×12)
Dimensions	1580×808×35mm (62.20×31.81×1.38 inch)
Weight	14.5kg (31.9 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	TÜV 1×4.0mm² / UL 12AWG, Length:900mm

SPECIFICATIONS

Module Type	180M	185M	190M	195M	200M
Maximum Power at STC(Pmax)	180Wp	185Wp	190Wp	195Wp	200Wp
Maximum Power Voltage (Vmp)	36V	36.4V	36.6V	36.8V	36.9V
Maximum Power Current (Imp)	5A	5.09A	5.19A	5.30A	5.42A
Open-circuit Voltage (Voc)	44.8V	45V	45.2V	45.4V	45.6V
Short-circuit Current (Isc)	5.29A	5.43A	5.56A	5.67A	5.80A
Module Efficiency(%)	14.10%	14.49%	14.88%	15.28%	15.67%
Operating Temperature(°C)	-40°C~+85°C				
Maximum system voltage	600V (UL) /1000V (IEC) DC				
Maximum series fuse rating	10A				
Power tolerance	0~+3% (optional)				
Temperature coefficients of Pmax	-0.43%/°C				
Temperature coefficients of Voc	-0.32%/°C				
Temperature coefficients of Isc	0.04%/°C				
Nominal operating cell temperature (NOCT)	45±2°C				

STC: ☀ Irradiance 1000W/m²

🌡 Module Temperature 25°C

☁ AM=1.5

* Power measurement tolerance: ± 3%



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