



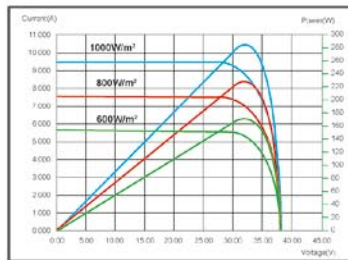
## SOLAR MODULE SERIES

# Solar Panel

### Features

- Standard anodized black and silver aluminum frame.
- Modules with 60 solar cells connection in series.
- Strict Power measurement minimizes the power tolerance to +0-4.99W

### I-V Curves



PV Module



PV Inverter



Technical Service

### Specifications

MODEL	OM6PV290	OM6PV300	MODEL	OM6PV290	OM6PV300
MAXIMUM POWER (Pmax)	290W	300W	DIMENSION (W×L×H)	1640×992×40mm	
VOLTAGE @ Pmax (Vpm)	31.80V	32.36V	WEIGHT	Approximately 18.5kg	
CURRENT @ Pmax (Ipm)	9.12A	9.28A	PACKING CONFIGURATION	Vertical	
OPEN CIRCUIT VOLTAGE (Voc)	39.99V	40.69	SIZE OF CARTON	170×110×105mm	
SHORT CIRCUIT CURRENT (Isc)	9.67A	9.84A	PALLET QUANTITY	25 pcs/pallet	
OUTPUT TOLERANCE	+0~4.99W		LOADING CAPACITY	700pcs HQ	
MAXIMUM SYSTEM VOLTAGE	1000VDC		JUNCTION BOX	IP65, weatherproof	
SERIES FUSE RATING	20A		SYSTEM CELL	6" Single-crystalline silicon	
EFFICIENCY OF MODULE	18.13%	18.74%	NO. OF CELLS AND CONNECTIONS	60 pcs in series (6×10)	
TEMPERATURE	ISC	-0.05%/°C	TEMPERATURE	-40 to +85°C	
	VOC	-0.31%/°C			
	Pmax	+0.45%/°C			

Specifications are subject to change without notices.

\* Measured at STC (Standard Test Condition; 1000W/m<sup>2</sup> irradiance, AM 1.5G and 25°C)

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