

Solar Panel

230 Wp Multicrystalline silicon photovoltaic module



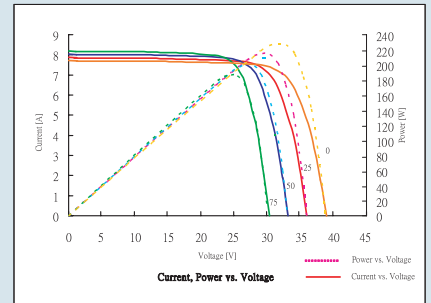
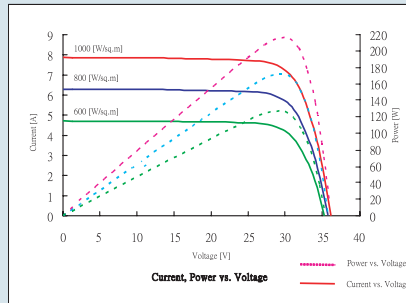
Quality

ISO 9001:2000 certified.
IEC 61215 and Safety Class II standards are in progress by TÜV.

Test Approved

- * Electrical Insulation
- * Outdoor Exposure
- * Hot-Spot Endurance
- * UV-Exposure

I-V Curves



PV Module



PV Inverter



Technical Service

Electrical Characteristics

Mechanical Characteristics

MODEL	OM6PV230	MODEL	OM6PV230	
MAXIMUM POWER (Pmax)(W)	230	DIMENSION (WxLxH)(mm)	1632 x 995 x 50	
VOLTAGE @ Pmax (Vpm)(V)	30.15	WEIGHT (Kg)	Approx. 20.2	
CURRENT @ Pmax (Ipm)(A)	7.63	PACKING CONFIGURATION	Horizontal	
OPEN CIRCUIT VOLTAGE (Voc)(V)	37.36	SIZE OF CARTON (mm)	1689 x 1071 x 955	
SHORT CIRCUIT CURRENT (Isc)(A)	8.15	PALLET QUANTITY	18 PCS / Pallet	
OUTPUT TOLERANCE	+/-3%	LOADING CAPACITY	12 Pallet (20 ft. container) 28 Pallet (40 ft. container)	
MAXIMUM SYSTEM VOLTAGE (Vdc)	1000	CONSTRUCTION	Front: high transmission low-iron tempered glass, 3.2mm Back: PVF/PET/PVF Encapsulates: EVA	
SERIES FUSE RATING (A)	10	JUNCTION BOX	IP65, weatherproof	
APPLICATION	DC 24V system	BYPASS DIODES	3 diodes to avoid power decreasing by shade	
SYSTEM CELL	6" Multi-crystalline silicon	OUTPUT CABLE	4mm² cable with polarized weatherproof connectors Negative 900mm, Positive 900mm	
NO. OF CELLS AND CONNECTIONS	60 PCS in series (6 x 10)	FRAME	Clear anodized aluminum, AL6063-T5	
EFFICIENCY OF MODULE	14.16%			
TEMPERATURE	Coefficient of Pmax	-0.37 % / °C	Operating temperature	-40 to +85°C
	Coefficient of Voc	-0.32% / °C	Storage temperature	-40 to +85°C
	Coefficient of Isc	+0.038 % / °C		

* Measured at STC (Standard Test Condition; 1000W/m² irradiance, AM 1.5G and 25°C)