



KW-245~265P-60

Typical Electrical Characteristics



Solar cells:	Poly-Crystalline Silicon 156x156mm 60pcs.(6x10)-3bus bars				
Maximum Power (Pmax)	245Wp	250Wp	255Wp	260Wp	265Wp
Maximum Power Voltage (Vmp)	30.1V	30.5V	30.8V	31.1V	31.4V
Maximum Power Current (Imp)	8.14A	8.20A	8.28A	8.37A	8.44A
Open-circuit Voltage (Voc)	37.5V	37.7V	38.0V	38.1V	38.6V
Short-circuit Current (Isc)	8.76A	8.85A	8.92A	8.98A	9.03A
Module Efficiency STC (%)	14.97%	15.27%	15.58%	15.89%	16.19%
Operating Temperature(°C)	-40°C~+85°C				
Maximum system voltage	1000VDC (IEC)				
Maximum series fuse rating	15A				
Power tolerance	0~+3%				
Temperature coefficients of Pmax	-0.41%/°C				
Temperature coefficients of Voc	-0.31%/°C				
Temperature coefficients of Isc	0.06%/°C				
Nominal operating cell temperature (NOCT)	45±2°C				

*STC Conditions(1000W/m²; 1.5AM and 25°C Cell temperature)

Mechanical Characteristics

Cable type,Diameter and Length	Φ=4mm ² ,L=1000±5mm
Type of Connector	Compatible type Mc4
Dimension AxBxC	1640x992x40mm(64.57x39.06x1.57inch)
Weight	19.6kg(43.1lbs)
No.of Draining Holes In Frame	16
Construction	Glass:High Transmission, Low Iron, Tempered Glass 3.2mm Encapsuiation:EVA Back side:Tedlar,white
Junction Box	IP 67
Frame	Clear anodized aluminum alloy type 6063T6 frame;

Qualification Test Parameters

Dielectric Insulation Voltage	3000VDC max
Operating Temperature	-40°C to+85°C
Max load	5400 Pa
Hailstone impact	25mm(1inch)at 23m/s(52mph)

Packaging Configuration

Packaging Configuration	25pcs./pallet	25pcs./pallet
Quantity Pallet	12pallets	28pallets
Loading Capacity	300pcs./20'GP	700pcs./40'HQ

High Efficiency
Polycrystalline Solar Module

WARRANTY

Product:12 years
Power production:90% 10 years
Power production:80% 25 years

