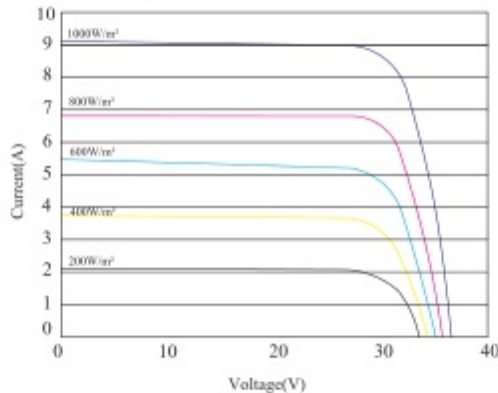


## I-V Curves

I-V Curves of PV module CSG 260Watt different light power

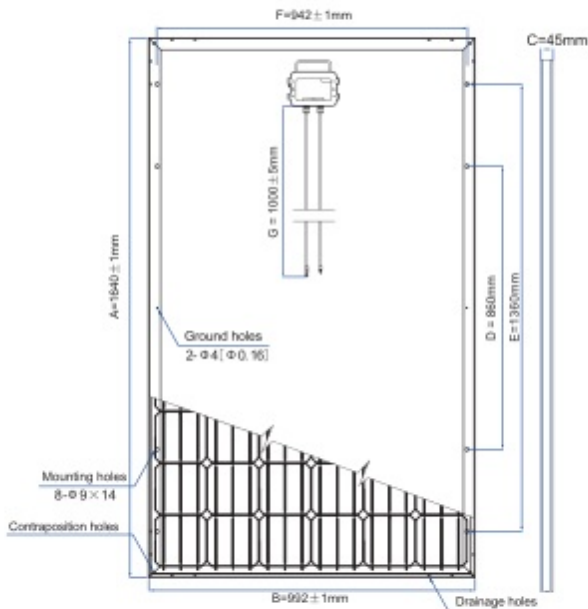


## Typical Electrical Characteristics

Solar cells:	Mono-Crystalline 156X156mm 60 pcs. (6×10) —3 bus bars					
Max-power	255Wp	260Wp	265Wp	270Wp	275Wp	280Wp
Power Tolerance	0 to +6W					
Voltage at Pmax (Vmp)	30.8V	31.0V	31.2V	31.4V	31.6V	31.8V
Current at Pmax (Imp)	8.28A	8.39A	8.49A	8.60A	8.70A	8.81A
Open-Circuit Voltage (Voc)	37.6V	37.8V	38.1V	38.3V	38.5V	38.8V
Short-Circuit Current (Isc)	8.96A	9.08A	9.19A	9.31A	9.42A	9.53A
Max-System Voltage (VDC)	1000V(IEC), 600V(UL)					
Cell Efficiency	18.0%	18.3%	18.8%	19.0%	19.4%	19.7%
Module Efficiency	15.7%	16.0%	16.3%	16.6%	16.9%	17.2%
No. of Bypass Diodes (pcs.)	3					
Max. Series Fuse (A)	12A					
Temperature Coefficient of Pmax	-0.45%/°C					
Temperature Coefficient of Voc	-0.34%/°C					
Temperature Coefficient of Isc	0.05%/°C					
Nominal Operating Cell Temperature	45±2°C					

\*STC Conditions (1000W/m<sup>2</sup>; 1.5 AM and 25°C Cell temperature)

## Dimensions



## Mechanical Characteristics

Cable type, Cross-sectional area and Length	Φ=4mm <sup>2</sup> , L=1000±5mm
Type of Connector	Compatible type MC4
Dimension A×B×C	1640×992×45mm (64.57×39.06×1.77 inch)
Weight	19.6kg (43.1lb)
No. of Draining Holes In Frame	16
Construction	Glass: High Transmission, Low Iron, Tempered Glass 3.2mm Encapsulation: EVA Back side: White
Junction Box (protection degree)	IP 67
Frame	Clear anodized aluminum alloy type 6063T5 frame

## Qualification Test Parameters

Dielectric Insulation Voltage	6000V DC max
Operating Temperature	-40°C to +85°C
Max load	5400Pa
Hailstone impact	25mm ( 1inch ) at 23m/s ( 52mph )
Tire safety class	Class C

## Packaging Configuration

Packaging Configuration	22pcs./box and 2pcs./box	
Quantity of Big Box/Pallet	1box/pallet	1 boxes/pallet
Quantity of Small Box/Pallet	/	9 boxes/pallet
Loading Capacity	616pcs./40'HQ	240pcs./20'GP

► Caution: Read Safety And Installation Instructions Before Using This Product