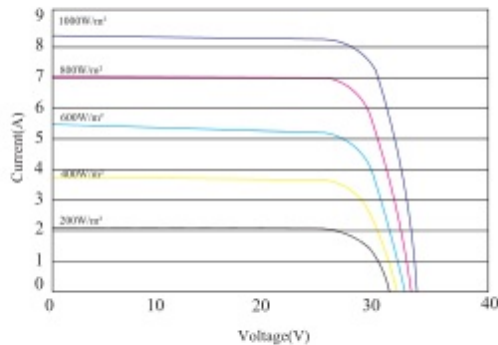


## I-V Curves

I-V Curves of PV module CSG 215W at different light power

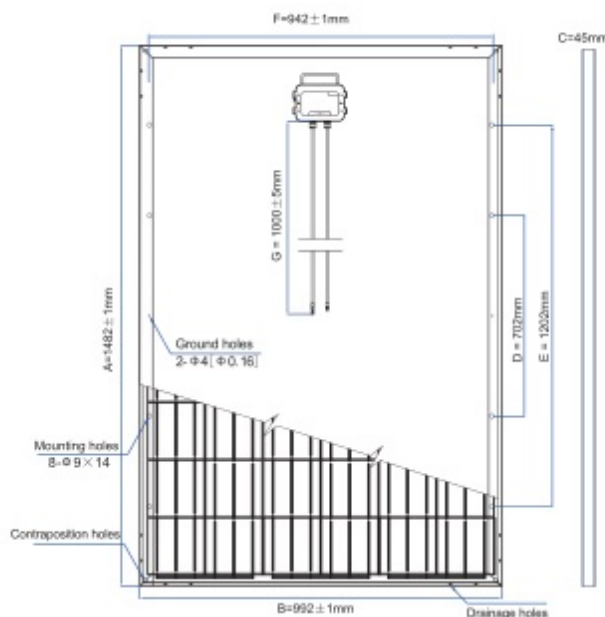


## Typical Electrical Characteristics

Solar cells:	Poly-Crystalline 156X156mm 54pcs.(6×9) —3 bus bars					
Max-power	210Wp	215Wp	220Wp	225Wp	230Wp	235Wp
Power Tolerance	0 to +6W					
Voltage at Pmax (Vmp)	27.3V	27.4V	27.6V	27.7V	27.9V	28.1V
Current at Pmax (Imp)	7.66A	7.85A	7.98A	8.12A	8.24A	8.36A
Open-Circuit Voltage (Voc)	33.3V	33.5V	33.7V	33.8V	34.0V	34.3V
Short-Circuit Current (Isc)	8.28A	8.44A	8.58A	8.79A	8.92A	9.05A
Max-System Voltage (VDC)	1000V(IEC), 600V(UL)					
Cell Efficiency	16.1%	16.5%	16.9%	17.3%	17.7%	18.1%
Module Efficiency	14.3%	14.6%	15.0%	15.3%	15.6%	16.0%
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	1482×992×45mm ( 58.35×39.06×1.77inch )
Weight	18.0kg ( 39.6lb )
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