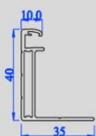
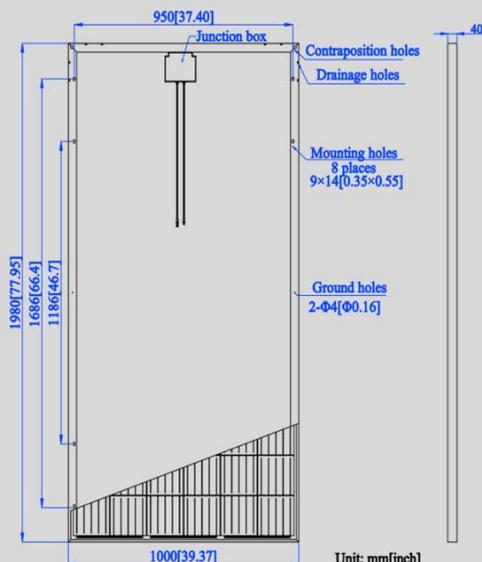


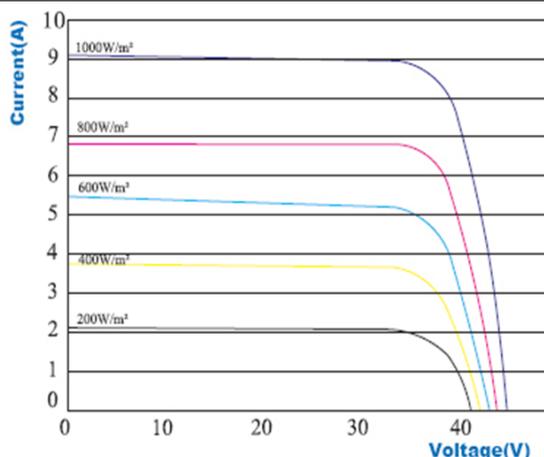
CSGXXS2-72 (XXX=380W-395W)



High Efficiency PERC Mono-Crystalline Solar Module



I-V Curves



I-V Curves of PV module CSG385W at different light power

Typical Electrical Characteristics

Solar Cell	Mono Crystalline 158.75×158.75 mm 72 Cell (6×12) — 5BB PERC			
Max Power	380	385	390	395
Power Tolerance	0 to +3%			
Voltage at Pmax (Vmp)	40	40.2	40.4	40.6
Current at Pmax (Imp)	9.5	9.58	9.66	9.73
Open-circuit Current(Voc)	48.8	49	49.2	49.4
Short-circuit Current (Isc)	10	10.08	10.15	10.22
Max System Voltage(VDC)	1000V(IEC), 600V(UL)			
Cell Efficiency (%)	21.3	21.6	21.9	22.2
Module Efficiency (%)	19.2	19.4	19.7	19.9
No. Of Bypass Diodes (pcs)	3			
Max Series Fuse (A)	15A			
Temperature Coefficient at Pmax	-0.37%/°C			
Temperature Coefficient at Voc	-0.27%/°C			
Temperature Coefficient at Isc	0.04%/°C			
NOCT	45±2 °C			

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

Mechanical Characteristics

Cable Type, diameter, Length	Φ=4mm ² , L=1000±5mm customized allowed
Type of Connector	Compatible type MC4
Dimension A×B×C	1980×1000×40mm
Weight	21.2kg
No. Of Draining Holes in Frame	16
Construction	Glass: High Transmission, Low Iron, Tempered Glass 3.2mm Encapsulation: EVA Backsheet: Fluorinated, white
Junction box	IP68 Rated
Frame	Clear anodized aluminum alloy Type 6063T5 frame

Qualification Test Parameters

Dielectric Insulation Voltage	6000VDC max
Operating Temperature	-40°C ~ +85°C
Max Load	5400Pa
Hailstone Impact	25mm (1inch) at 23m/s (52mph)
Fire Rating	Class C

Packing Configuration

Packing Configuration	27pcs/ carton, 2pcs/carton
Loading Capacity	638pcs/40HQ, 253pcs/20GP