30Watt
Polycrystalline Solar Module

Features

High power output module conversion efficiency with stable cell production technology.

Anti-reflective and anti-soiling surface reduces power loss from dirt and dust.

Outstanding performance in low-light irradiance environments.

Certified to withstand: wind load and snow load.

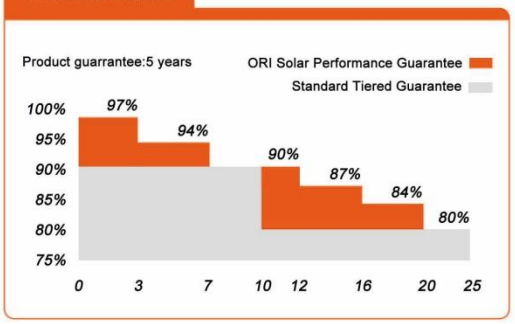
High salt mist and ammonia resistance certified by TUV Rheinland.

Quality and Safety

Designed according to and complying with all requirements in IEC 61730 , IEC 61215, UL1703, CEC Listed, MCS and CE.

ISO 9001:2008:Quality management systems.
ISO 14001:2004:Environmental management systems.
BS OHSAS 18001:2007:Occupational health and safety management systems.

Warranties



ORI-30D-12/LEA

Electrical Characteristics

Model	ORI-30D-12/LEA
Optimum Operating Voltage（Vmp）	17.2V
Optimum Operating Current（Imp）	1.74A
Open-Circuit Voltage（Voc）	21.6V
Short-Circuit Current（Isc）	1.94A
Maximum Power at STC（Pmax）	30Wp
Nominal Voltage	12V
Operating Temperature	-40℃ to +85℃
Maximum System Voltage	50V(IEC)/30V(UL)
Maximum Series Fuse Rating	5A
Power Tolerance	±10%

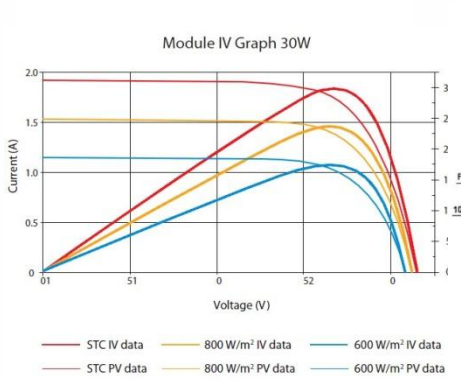
General Characteristics

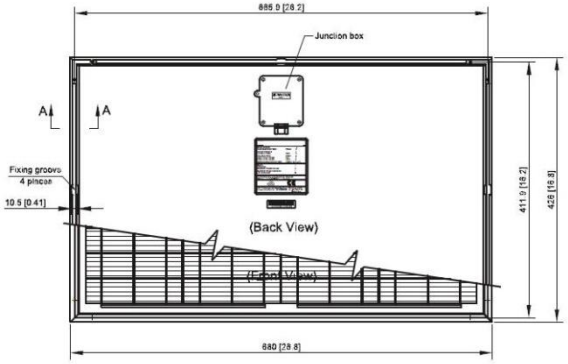
Solar Cell	Polycrystalline
Number of Cells	36 (4x9)
Dimension	426×680×18mm (16.8×26.8×0.7 inches)
Weight	3.2 Kgs (7.0 lbs)
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Mechanical load	5400 pa
Classification	Application class A; IP65

Temperature Coefficients

NOCT（℃）	45±2
Temperature Coefficient of Pmax (%/℃)	-0.47
Temperature Coefficient of Voc (%/℃)	-0.34
Temperature Coefficient of Isc (%/℃)	0.045

IV Curves





Section A-A