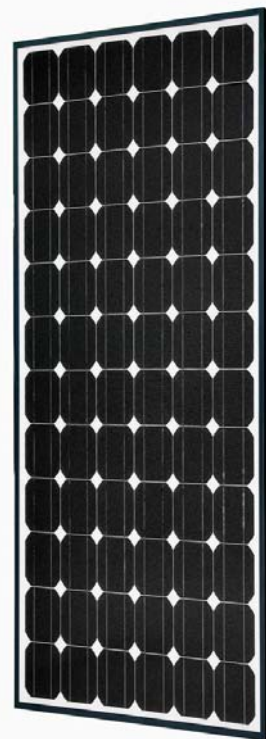


# SG-1601 / 1651 / 1701/1751

## Electrical Data

Power Rating	Pmpp	160W	165W	170W	175W
Maximum Current	Imp	4.42A	4.53A	4.63A	4.86A
Maximum Voltage	Vmpp	36.00V	36.36V	36.36V	36.38V
Short-circuit Current	Isc	4.86A	4.93A	4.96A	5.36A
Open-circuit Voltage	Voc	43.56V	43.92V	44.28V	45.03V
Efficiency Rating		12.24%	12.67%	12.95%	13.60%
Power Tolerance		±3%	±3%	±3%	±3%



## Temperature Range

Temperature Range	-40°C to 85°C
Damp Heat	85%RH
Static Load Front and Back	2400pascals
Front Loading	5400pascals
Hail Impact	25mm stainless ball at 23m.s

## Mechanical Characteristics

Dimensions	(L)1577mm x (W)827mm x (D)40mm
Weight	16kg
Solar Cells	72pcs (125mm x 125mm) in 6x12 matrix connected

**At STC (Standard Test Conditions). 1000W/m<sup>2</sup>, 25°C cell temperature, AM1.5 spectrum**

### Taipei Operation Center

10F, No. 141, Sec. 1, Keelung Rd.,  
Taipei City 110,  
Taiwan, R.O.C.  
Tel: +886-2-2742-2740  
Fax: +886-2-27425291

### Factory

No. 601, Yansha Rd.  
Jinsha Township, Kinmen County  
Taiwan, R.O.C.  
Tel: +886-82-355678  
Fax: +886-82-352345

### U.S. Office.

1055 E. Colorado Blvd,  
Suite #5113,  
Pasadena, CA 91106, U.S.A.  
Cell: 310-901-3792  
Tel: 626-240-4691  
Fax: 888-707-4876