



SOLARTRON
Public Company Limited

**Multi-Crystalline Silicon
Solar Modules
130 Watt
SP130**



The solar modules SP130 series by Solartron are superior quality and high performance solar modules designed for use in a wide variety of applications. The innovatively-designed modules are manufactured from automated production lines under consistently high production quality conditions.

The highly efficient multi-crystalline silicon solar cells are encapsulated in a thick tempered glass cover, transparent EVA (ethylene vinyl acetate) sheets and high quality back sheet to provide efficient protection from the severest of environmental conditions. The entire laminate is installed in anodized aluminum frames to provide structural strength and ease of installation. The solar modules are also equipped with a junction box which is IP65 protection rated making electrical connections in the field more convenient. Bypass diodes are also included to minimize the power drop caused by shade.

Standards and Certificates:

- ISO 9001:2008
- ISO 14001:2004
- TIS 18001:1999, OHSAS 18001:2007
- TIS. 1843-2542
- TLS 8001-2003
- CE Mark (EMC–Directive 2004/108/EC)
- RoHS

Dimensions

Length	150.5 cm
Width	67.7 cm
Height	4.6 cm
Weight	13.0 kg



SOLARTRON PUBLIC COMPANY LIMITED

1000/65, 66, 67 P.B. Tower 16th Floor,
Soi Sukhumvit 71, Sukhumvit Road,
North Khlongton, Wattana, Bangkok 10110, Thailand.
Tel : +66 2 392 0224 (Auto 10 Lines),
Fax : +66 2 381 0936 , +66 2 381 2971
E-mail : support@solartron.co.th, www.solartron.co.th

SOLARTRON TECHNOLOGY CENTER

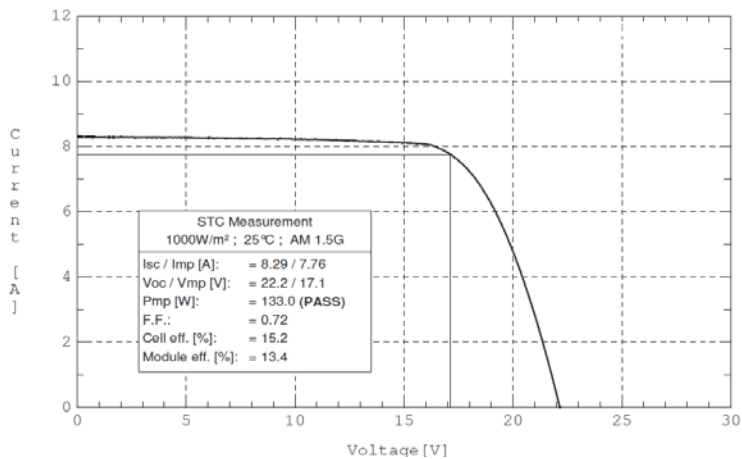
88/8 Moo 10, Nongnamdang, Pakchong,
Nakonratchasima 30130, Thailand.
Tel : +66 44 365 651 , +66 44 365 652
Fax : +66 44 365 654



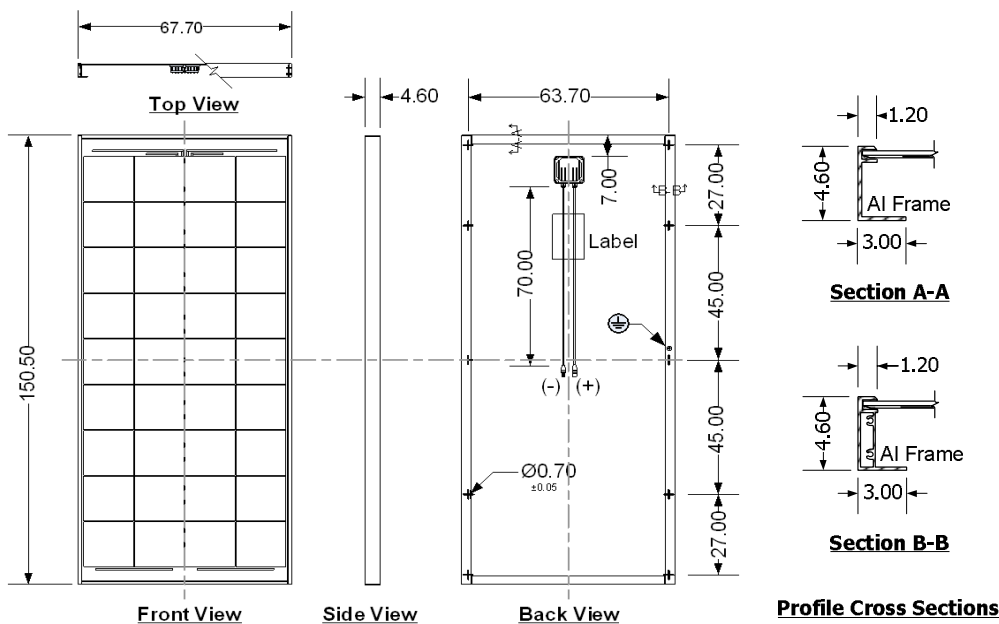
Model		SP130
Performance Under Standard Test Conditions (STC)*		
Nominal Power	W	130
Tolerance of Maximum Power	%	+5/-5
Maximum Power Voltage (Vmp)	V	17.0
Maximum Power Current (Imp)	A	7.7
Open Circuit Voltage (Voc)	V	22.0
Short Circuit Current (Isc)	A	8.2
System Design Characteristics		
Maximum System Voltage	V	600
Limiting Reversing Current	A	10
Main Materials		
Cells per Module	piece	36
Cell Dimensions	cm	15.6x15.6
Front Glass Thickness	cm	0.32
Encapsulant		EVA
Back Sheet		PVF/PET/PVF
Junction Box		IP65
Bypass Diodes	piece	2
Connector Type		MC 3

Dimensions

Length	150.5 cm
Width	67.7 cm
Height	4.6 cm
Weight	13.0 kg
Frame	Anodized Aluminum



Drawings



Unit of Dimensions : cm

Solartron reserves the right to make specification changes without prior notice. For detailed information on these products, please consider the installation manuals.