

**For a Free Quote:**

Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)

Call: 1-800-990-3725

Email: [contact@energypal.com](mailto:contact@energypal.com)

# EnergyPal

## **Solar Panel Guide Specification Data Sheet**

**Alps Technology Inc.**

**AP-SQ85W**

**AP-SQ85W**

Also available on the web at  
[EnergyPal.com/alps-technology-inc-solar-panels/ap-sq85w](http://EnergyPal.com/alps-technology-inc-solar-panels/ap-sq85w)



### APPLICATIONS

- Telecommunication
- Cathodic protection
- Water pumping
- Signaling
- Rural electrification
- Private residences
- Commercial buildings

ATI high efficiency module size is easy to handle and specifically designed to perform in the harshest of environments. The ATI module uses state of the art crystalline technology with a Silicon Nitride (SiN) coating that enhances cell efficiency. Encapsulation beneath high transmission tempered glass is accomplished using an advanced, UV resistant thermal setting plastic. The encapsulant, ethylene vinyl acetate, cushions the solar cells within the laminate and protects the cells from breaking. The rear surface of the module is completely sealed from moisture and mechanical damage by a continuous high strength polymer sheet. The ATI module incorporates a reinforced anodized aluminum frame, designed to meet SOLAR-X High Quality Standards for corrosion resistance.



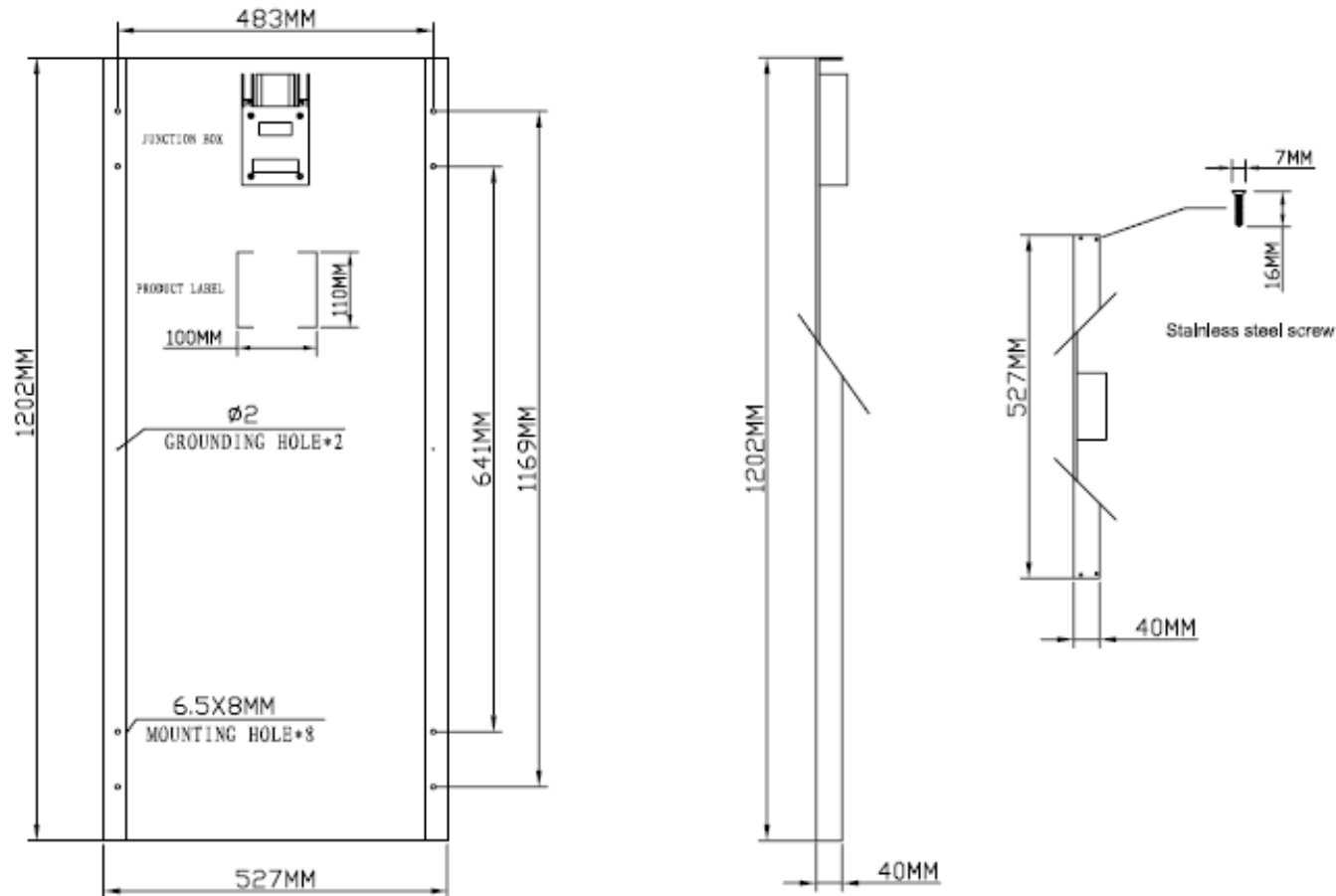
STC Power Rating	85W @ STC
Maximum Power Voltage (Vpm)	17.6V
Maximum Power Current (Ipm)	4.8A
Open Circuit Voltage (Voc)	21.7V
Short Circuit Current (Isc)	5.3A
Cell Type / # Cells	Mond / 36Series
Nominal Voltage	12V
Maximum System Voltage	DC 600V
Series Fuse Rating	15A
Performance Tolerance	±5%
Weight	7.6kg / 16.72LBS

• Limited warranty : 10 years

3930-B Valley Blvd.  
Walnut, CA 91789

Tel : (909)468-1800  
Fax : (909)468-9880

<http://www.alpstechnologyinc.com>



Side view

• Limited warranty : 10 years

3930-B Valley Blvd.  
Walnut, CA 91789

Tel : (909)468-1800  
Fax : (909)468-9880

<http://www.alpstechnologyinc.com>