

For a Free Quote:

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EnergyPal

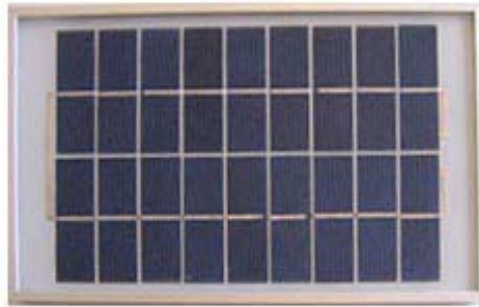
Solar Panel Guide Specification Data Sheet

Alps Technology Inc.

AP-NB5W

5

Also available on the web at
EnergyPal.com/alps-technology-inc-solar-panels/5



APPLICATIONS

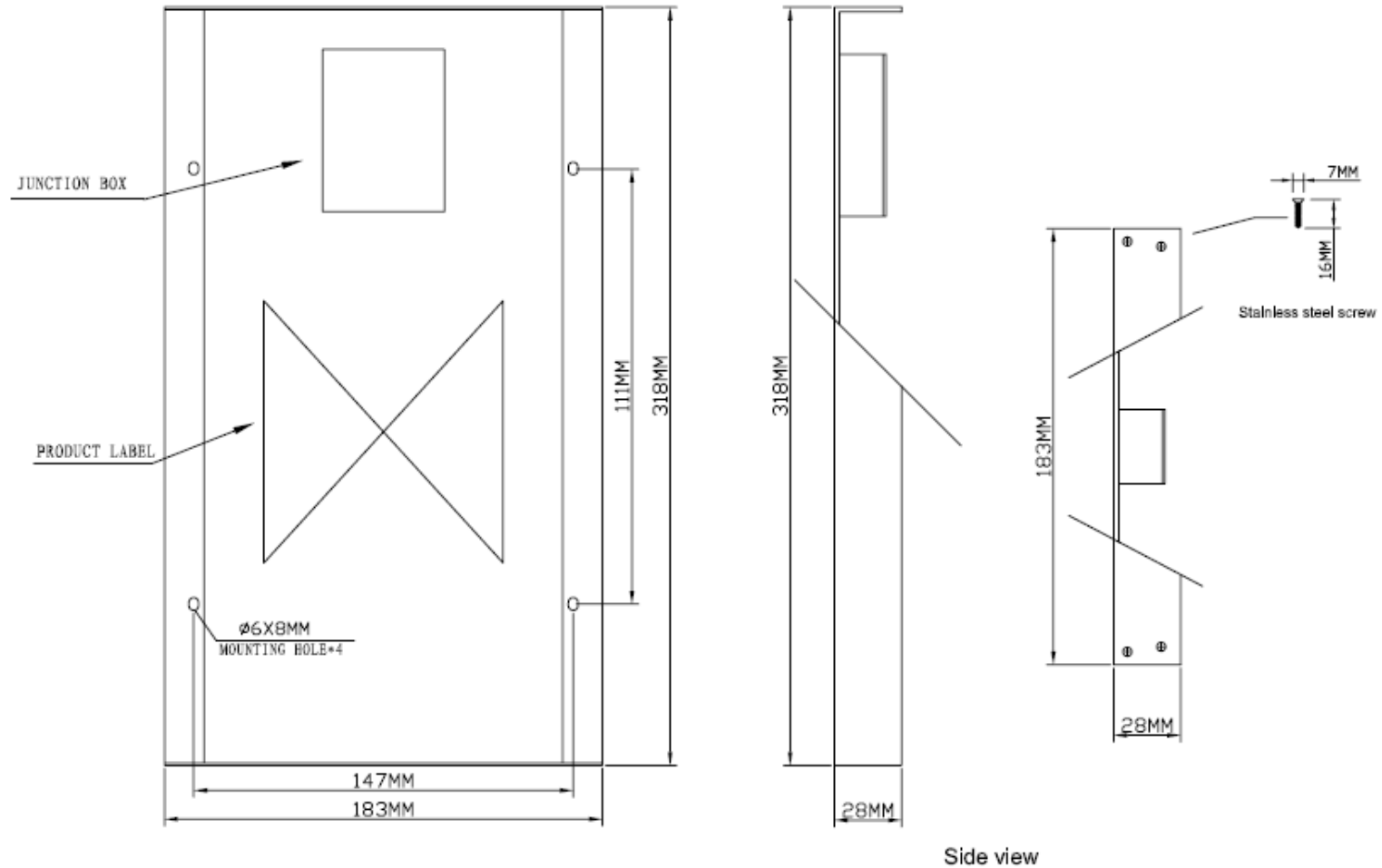
- Telecommunication
- Cathodic protection
- Water pumping
- Signaling
- Rural electrification
- Private residences
- Commercial buildings

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	5.0W @ STC
Maximum Power Voltage (V_{mp})	17.6V
Maximum Power Current (I_{mp})	0.284A
Open Circuit Voltage (V_{oc})	20.8V
Short Circuit Current (I_{sc})	0.306A
Cell Type / # Cells	Poly / 36 Series
Nominal Voltage	12Vdc
Maximum System Voltage	DC 600V
Series Fuse Rating	10A
Performance Tolerance	±5%
Weight	1kg / 2.20LBS

- Limited warranty : 10 years



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