

The STA002-12 modules are composed of 36 multicrystalline silicon solar cells of similar performance, interconnected in series to obtain the 12 volt output.

A heavy-duty anodized aluminium frame provides strength and convenient mounting access. For each 18 cells series strings, one bypass diode is installed.

Cells are laminated between high transmissivity, low-iron, 3mm tempered glass and sheet of tedlar-polyeaster-tedlar (TPT) material by two sheets of ethylene Vinyl acetate (EVA). This protects against moisture penetrating into the module. A versatile junction box provides flexibility of connections.

The module is designed in consistent with IEC-1215 standards, manufactured by using proven materials and tested to ensure quality and electrical performance.



Rear view - easy mounting points & weatherproof junction box

Distributed by;

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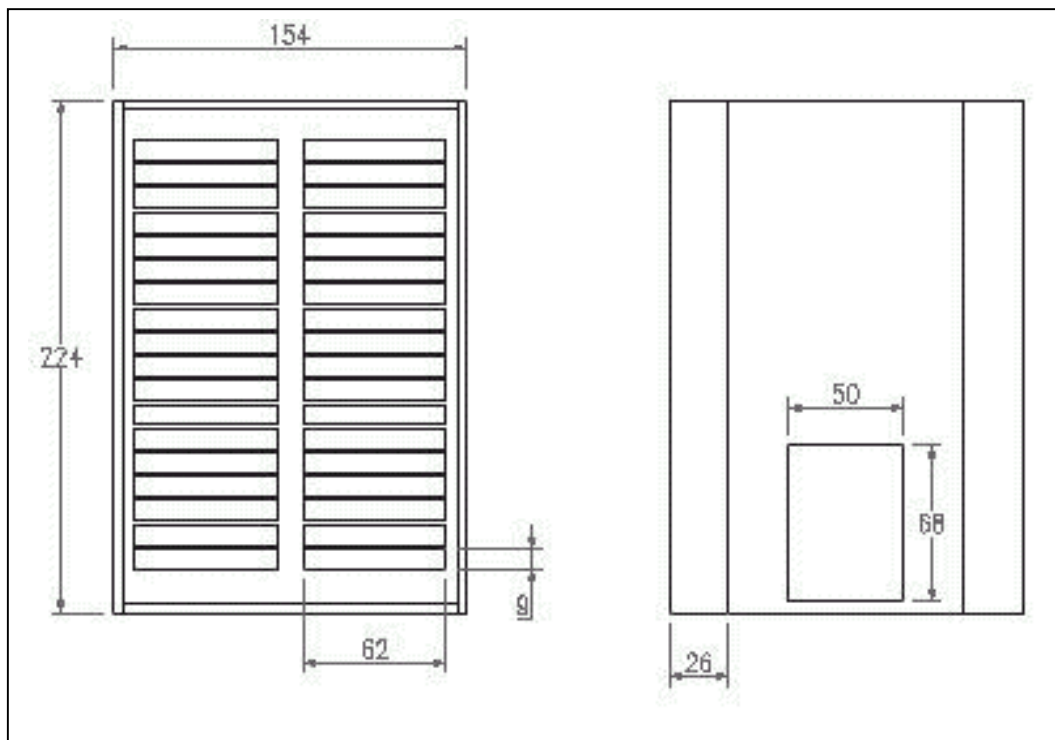
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Specifications - STA002-12



Output	2W
Size (mm)	224*154*25
Weight (Kg)	1.2
Pmax (W)	2
Vmp (V)	16.8
Imp (A)	0.24
Voc (V)	21
Isc (A)	0.33

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