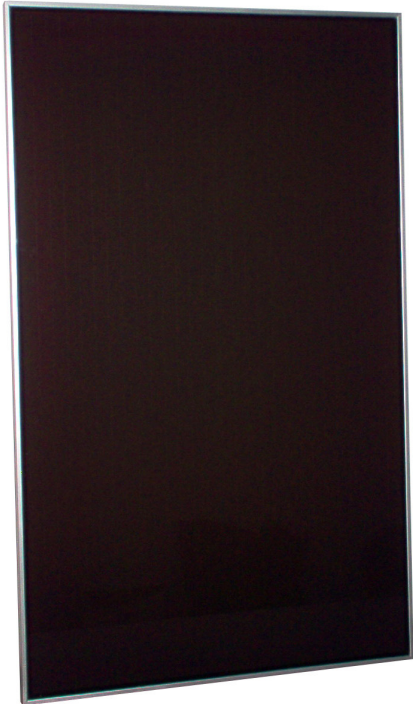


THIN FILM MODULE



Features:

- More Energy
- Excellent value for money
- Robust encapsulation
- Easy mounting
- 10 years power guarantee
- CE conformity

Permissible module temperature:

-40⁰C to +85⁰C

Typical operating temperature: approx.

20⁰C to 25⁰C above ambient

Temperature coefficient:

Power: -0.2%,

Open circuit voltage: -0.33%

Short circuit current: +0.08%

CS framed thin film solar modules are available in power class rated at 40watt. Its special stacked-cell design on the basis of silicon thin film gurantees years of unfaultered high performance. Our CS40T-40W module is ready for mounting and all parts, from frame to the junction box are designed for easy and inexpensive system integration.

Typical applications of a 12V system are lighting, traffic systems, telecommunication, mini home systems, consumer and leisure products The proven encapsulation ensures high resistance against UV, temperature and weather, even in most extreme conditions. The torsion-proof aluminum dished frame with integrated screw less corner links offers optimal protection against wear and damage.

All modules have a junction box for variable circuiting. The oblong holes in the aluminum frame allow easy and universal mounting.



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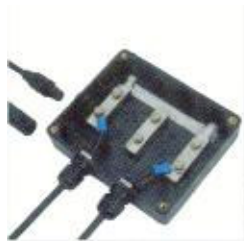
| Technical Specifications* | | | | | |
|---|--------------------------------|---|---|--|--|
| MODEL | NOMINAL POWER(W _p) | VOLTAGE AT NOMINAL POWER(V _p) | Current AT NOMINAL POWER(I _p) | OPEN CIRCUIT VOLTAGE(V _{oc}) | Short Circuit Current (I _{sc}) |
| CS40T | 40W | 16.8V | 1.92 | 22.8V | 2.5A |
| Maximum DC System Voltage: 600V | | Weight : 6.2kg | Length: 1005mm | | Width: 605mm |
| Note: <ul style="list-style-type: none"> • Electrical Output are Rated at Standard Test Condition 1000mW/m², 25°C, AM1.5 • The quoted figures are subject to production tolerance ±10% • Frame height for the solar module is 34mm | | | | | |
| *Specifications are subject to change without notice | | | | | |

More energy: Independent surveys have shown that under realistic conditions such as low sunlight intensity or high temperature CS40T modules produces approximately 20% more energy per rated Wp than crystalline modules.

Excellent value for money: The optimal use of raw materials and high standard of quality manufacturing processes ensures high performance and environmental reliability.

Robust encapsulation: The proven CS encapsulation ensures high resistance against UV, temperature and weather, even in the most extreme conditions, The thermal hardened glass reliably protects the module from impacts and increased static stress. The torsion-proof aluminum dished frame with integrated screw less corner links offers optimal protection against mechanical wear of damage.

Simple Mounting: CS40T modules have junction box for variable circuiting. An optimal connection kit is offered as accessory (sold as optional kit) for easy interconnection of the module without use of special tools. The oblong holes in aluminum frame allow easy and universal mounting.



Optional Wiring Kit