

CTI-80 Solar Module



Carmanah MAPPS
(Modular Autonomous Photovoltaic Power Supply)
installation

CTI-80 Solar Module

Reliable power where and when you need it!

Power when you need it

The CTI-80 solar module from Carmanah is a high efficiency polycrystalline solar panel that provides outstanding performance and cost-effective solar power for residential, commercial and industrial applications.

Durable and Reliable

Carmanah's CTI-80 Solar Module is built to last, and features a 20-year power output warranty. To ensure long life, the high-efficiency solar cells are encapsulated between a special tempered, low-iron solar glass and a tedlar/polyester backing material. The mounting frame, manufactured from anodized marine grade aluminum, allows the CTI-80 to be installed in extreme conditions. A conduit ready junction box is compatible with a wide range of cable and conduit types.

20-year limited warranty

Contact Carmanah for details on pricing and to order today!

Features:

- Compact and rugged design
- Industrial conduit ready junction box
- Dual positive/negative wire terminals also accept spade connectors
- Lightweight anodized aluminum frame
- High transmissivity tempered glass

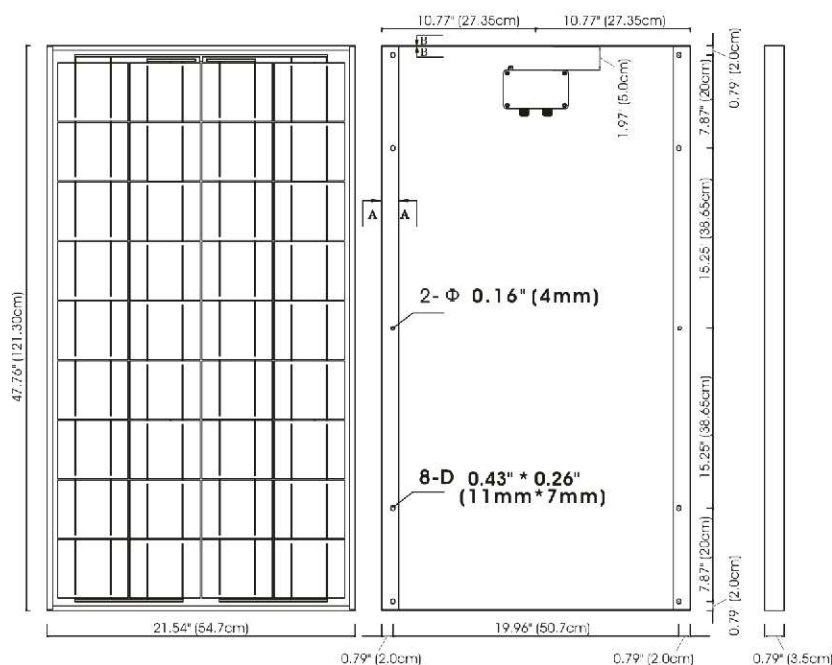
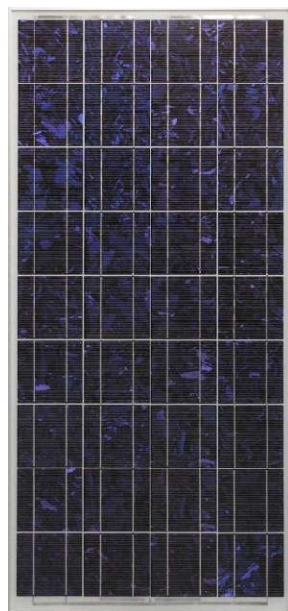
Applications:

- 12 V battery systems
- Telecommunications
- Signaling systems
- Remote telemetry
- Water pumping
- Outdoor lighting
- Stand-alone or grid connected applications
- Recreation vehicles



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SPECIFICATIONS

Typical power	W	80
Voltage at typical power	V	17.2
Current at typical power	A	4.66
Open circuit voltage	V	21.6
Short circuit current	A	5.05
Voltage coefficient	mV / °C	-(79±10)
Current coefficient	% / °C	(0.065±0.015)
System voltage	V	1000
Packaged weight		23 lbs (10.5 kg)
Packaged dimensions	51" x 24" x 5" (129.5cm x 61cm x 12.7cm)	

Power specifications at 1000W/m²:25°C:AM=1,5



- Junction Box Features:
- Large gauge terminals
 - Conduit-ready
 - Six (6) knock-outs
 - Self-sealing lid

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