

# API

ADVANCE POWER INC.  
ADVANCEPOWER.NET

ADVANCE: SOLAR, HYDRO, WIND POWER CO. INC  
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SOLAR & ELECT. CONTRACTOR LIC # 620243  
SINCE 1978

## API-185M

### STC

Nominal Peak Pow.	185W
Open Circuit Vltg.	45.1V
Max. power voltage	36.5V
Short circuit current	5.4A
Max. power current	5.06A
Module efficiency	14.2%
Pwr output tol.	±3%
Max. system voltage	600 VDC
Max. ser. fuse rating	10A
Operating temp	-40°C to + 85°C

### NOCT

Nominal peak pow.	132W
Open circuit voltage	41.1V
Max. power voltage	32.2V
Short circuit current	4.41A
Max. power current	4.10A
NOCT	46°C±2°C



## Cutting Edge Technology

As a pioneer with 33 years in solar, API demonstrates leadership in the development of solar energy products. API's commitment to continuous improvement is shown by repeatedly achieving world record product efficiency and performance.

## Quality Built In

- UV stabilized, aesthetically pleasing anodized frame
- Supported by major mounting structure manufacturers
- Easily accessible grounding points
- Proven junction box technology with PV wire to work with transformerless inverters
- Quality locking plug-in connectors to provide safe & quick connections



NEC 2011 Compliant UL 1703, ISO 9001 and ISO 14001  
Certified and Registered Class C

## New Process Improvements

- All solar cells are fabricated with a proprietary etching and coating process to provide uniform and reliable power production.
- All modules have heavy duty anodized aluminum frames for greater support and stability.

## Reliable

- Superior built-in quality
- Proven superior field performance
- Tight power tolerance

## Warranty

- API standard 25 year power output warranty and 5 year workmanship warranty applies in USA
- Extended warranties available per project requirements
- 60 month standard warranty on module, junction boxes, connection cables.
- Refer to API warranty policy for details