

AC-320P/156-72S AC-325P/156-72S AC-330P/156-72S



AXIpower

72 cell polycrystalline High performance photovoltaic module



German engineered - made for America



12 years manufacturer's warranty Two more years than industry standard



Highest performance due to specifically selected technologies and materials



Positive power tolerance from 0-5 Wp Higher guaranteed yield



Snow load of up to 50 psf Stable module for a long life in extreme conditions

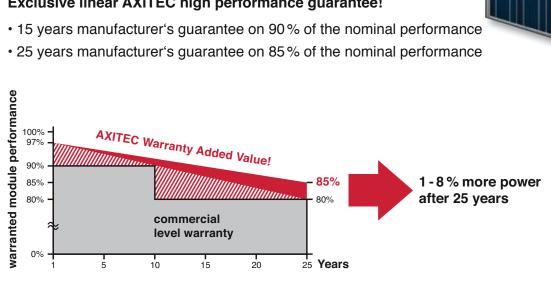


100 % electroluminescence inspection Micro crack and hotspot free modules



High quality junction box and connector system for a longer life time

Exclusive linear AXITEC high performance guarantee!









Module Fire Performance: TYPE 1 (UL 1703) CLASS C (IEC61730)

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Distributed by:

Electrical data (at standard conditions (STC) irradiance 1000 watt/m², spectrum AM 1.5 at a cell temperature of 25°C)

Туре	Nominal output Pmpp	Nominal voltage Umpp	Nominal current Impp	Short circuit current Isc	Open circuit voltage Uoc	Module conversion efficiency
AC-320P/156-72S	320 Wp	37.39 V	8.58 A	9.18 A	45.59 V	16.49 %
AC-325P/156-72S	325 Wp	37.49 V	8.67 A	9.22 A	45.70 V	16.75 %
AC-330P/156-72S	330 Wp	37.70 V	8.76 A	9.27 A	45.83 V	17.01 %

Design

Frontside 0.13 inch (3.2 mm) hardened, low-reflection white glass

Cells 72 polycrystalline high efficiency cells 6 inch (156 x 156 mm)

Backside Composite film

Frame 1.57 inch (40 mm) silver anodized aluminium frame

Mechanical data

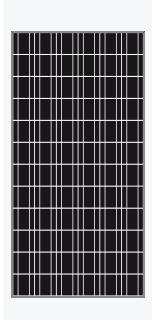
L x W x H 77.01 x 39.06 x 1.57 inch (1956 x 992 x 40 mm)

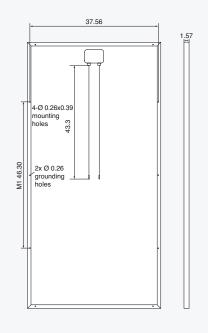
Weight 50.7 lbs (23 kg) with frame

Power connection

Socket Protection Class IP67 (3 bypass diodes)

Wire 43.3 inch, AWG 11 Plug-in system Plug/socket IP67





All dimensions in inch

Limit values

System voltage 1000 VDC (UL) 1000 VDC (IEC)

NOCT (nominal operating cell temperature)* 45°C +/-2K

Max. load-carrying capacity 50 PSF

Reverse current feed IR 15.0 A

Permissible operating

temperature -40°C to 85°C / -40F to 185F

(No external voltages greater than Vo may be applied to the module)

* NOCT, irradiance 800 W/m²; AM 1,5; wind speed 1 m/s; Temperature 20°C

Temperature coefficients

Voltage Uoc	-0.30 %/K
Current Isc	0.04 %/K
Output Pmpp	-0.42 %/K

Low-light performance (Example for AC-320P/156-72S)

I-U characteristic curve	Current Ipp	Voltage Upp
200 W/m ²	1.80 A	35.97 V
400 W/m ²	3.07 A	35.99 V
600 W/m ²	5.51 A	36.91 V
800 W/m ²	6.95 A	37.32 V
1000 W/m ²	8.58 A	37.39 V

Packaging

Module pieces per pallet 25 Module pieces per HC-container 550