



AC-310P/156-72S
AC-315P/156-72S
AC-320P/156-72S
AC-325P/156-72S
AC-330P/156-72S

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high quality german solar brand

AXIpower

72 cell polycrystalline
High performance solar module



The advantages:

- 15** Years 15 years manufacturer's warranty
- P-Max** Highest performance due to specifically selected technologies and materials
- + Wp** Guaranteed positive power tolerance from 0-5 Wp by individual measurement
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- 100%** 100% electroluminescence inspection
- IP 67** High quality junction box and connector systems

25
YEARS
85%



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- 15 years manufacturer's guarantee on 90% of the nominal performance
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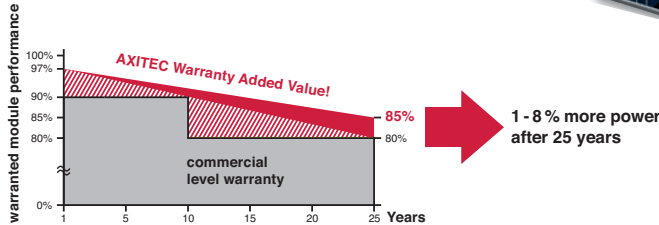


Fig. similar 72P156EN180710A

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للنظم الطاقة الشمسية
For Solar System Applications

AXIpower

Distributed by:

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Electrical data (at standard conditions (STC) irradiance 1000 watt/m², spectrum AM 1,5 at a cell temperature of 25°C)

Type	Nominal output Pmp	Nominal voltage Umpp	Nominal current Impp	Short circuit current Isc	Open circuit voltage Uoc	Module conversion efficiency
AC-310P/156-72S	310 Wp	37,02 V	8,39 A	8,89 A	45,52 V	15,98 %
AC-315P/156-72S	315 Wp	37,20 V	8,48 A	9,00 A	45,56 V	16,24 %
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	3,2 mm hardened, low-reflection white glass
Cells	72 polycrystalline high efficiency cells 156 mm x 156 mm (6")
Backside	Composite film
Frame	40 mm silver anodized aluminium frame

Mechanical data

L x W x H	1956 x 992 x 40 mm
Weight	23 kg with frame

Power connection

Socket	Protection Class IP67 (3 bypass diodes)
Wire	approx. 1,1 m, 4 mm ²
Plug-in system	Plug/socket IP67

Limit values

System voltage	1000 VDC
NOCT (nominal operating cell temperature)*	45°C +/-2K
Max. load-carrying capacity	2400 N/m ²
Reverse current feed IR	16,0 A
Permissible operating temperature	-40°C to 85°C / -40°F to 185°F

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

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

Temperature coefficients

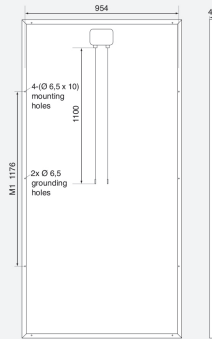
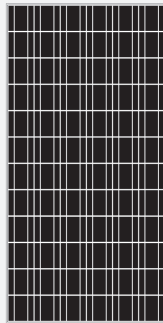
Voltage Uoc	-0,30 %/K
Current Isc	0,04 %/K
Output Pmp	-0,42 %/K

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	600



All dimensions in mm

Technical data are subject to change without prior notice, errors excepted.

The measurement tolerances are +/-3%

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