



AC-230P/156-60S  
 AC-235P/156-60S  
 AC-240P/156-60S

www.axitecsolar.com

**AXITEC**  
 high quality german solar company

## AXIworld

60 cell / polycrystalline photovoltaic modules

High performance photovoltaic modules

 German engineered, assembled in Asia

The advantages:

**10**  
 Years

10 years manufacturer guarantee

**+**  
 Wp

Guaranteed positive power tolerance from 0-5 Wp by individual measurement

**↓**  
 5.400Pa

Maximum 5400 Pa snow load

**100%**

100% electroluminescence inspection

**Soft Grip**

High stability due to aluminium frame construction

**IP67**

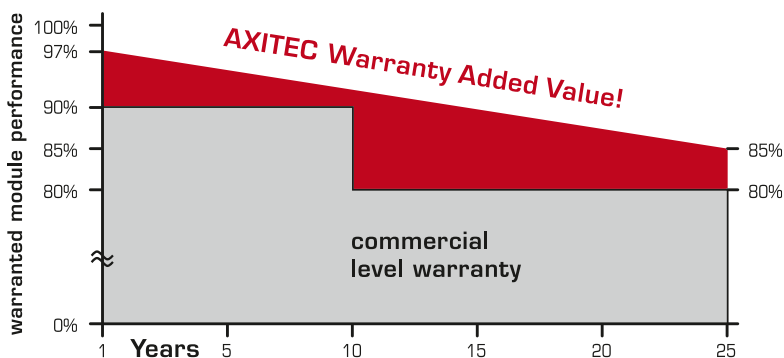
High quality junction box and connector systems, MC4 mateable



Fig. similar 60P156USA11221G-P74/1

Exclusive linear AXITEC high performance guarantee!

- 15 years manufacturer's guarantee on 90% of the nominal performance
- 25 years manufacturer's guarantee on 85% of the nominal performance



Listed: QIGU. E347378



Management system TÜV-certified  
 DIN ISO 9001:2008, Reg.-No. 12 100 34403



Full Member of PV CYCLE

Distributed by:



**Electrical data** (at standard conditions (STC) irradiance 1000 watt/m<sup>2</sup>, spectrum AM 1.5 at a cell temperature of 25° C)

Type	Nominal output Pmpp	Nominal voltage Vmpp	Nominal current Impp	Short circuit current Isc	Open circuit voltage Voc	Module conversion efficiency
AC-230P/156-60S	230 Wp	30.00 V	7.67 A	8.34 A	36.80 V	14.08 %
AC-235P/156-60S	235 Wp	30.10 V	7.81 A	8.44 A	36.80 V	14.39 %
AC-240P/156-60S	240 Wp	30.20 V	7.95 A	8.55 A	37.00 V	14.69 %

### Design

Frontside	0.13 inches (3,2 mm) hardened, low-reflection white glass
Cells	60 polycrystalline high efficiency cells 6 inches (156 x 156 mm)
Backside	Composite film
Frame	1.57 inches (40 mm) silver anodized aluminium frame

### Mechanical data

L x W x H	64.96 x 38.98 x 1.97 inches (1650 x 990 x 50 mm)
Weight	44.01 lbs (20,0 kg) with frame

### Power connection

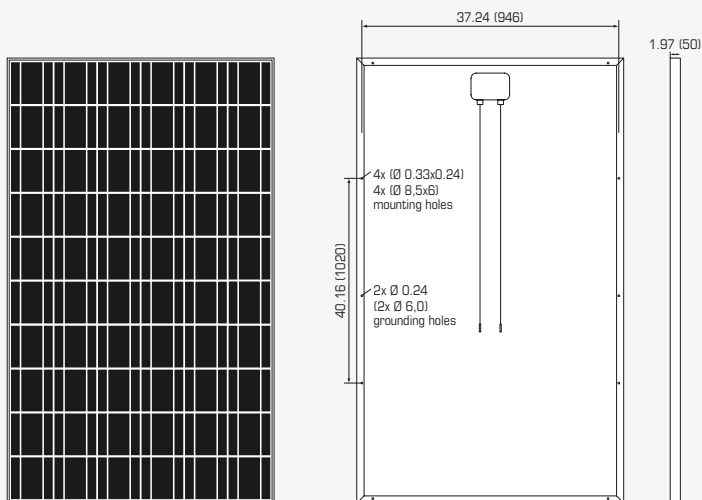
Socket	Protection Class IP65 (6 bypass diodes)
Wire	approx. 43.3 inches, AWG 11 (4 mm <sup>2</sup> )
Plug-in system	Plug/socket IP67, MC4 mateable

### Limit values

System voltage	600 VDC (UL) 1000 VDC (IEC)
NOCT (nominal operating cell temperature)*	46°C +/-2K
Max. load-carrying capacity	5400 N/m <sup>2</sup>
Reverse current feed IR	15.0 A

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

\* NOCT, irradiance 800W/m<sup>2</sup>; AM 1.5; wind speed 1m/s; Temperature 20°C

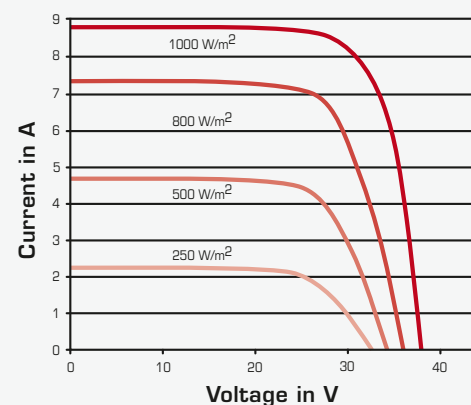


All dimensions in inch (mm)

### Temperature coefficients

Voltage Voc	-0.33 %/K
Current Isc	0.06 %/K
Output Pmpp	-0.46 %/K

I-U characteristic curve at 1000-800-500-250 W/m<sup>2</sup>



Example for AC-240P/156-60S