

AX P-60 GGM 2.0² infinity



*Photovoltaic modules from German manufacturer -
developed and manufactured with German quality demand*

reliable . powerful . attractive
passionate . honest . empathic

Powerful, elegant and extremely durable!

- ▶ Front and rear with 2 mm hardened safety glass for maximum durability
- ▶ High mechanical strength
- ▶ Optimal solar utilization by highly efficient polycrystalline cells
- ▶ Plus sorting for extra income
- ▶ PID free
- ▶ 100% EL checked
- ▶ 100% Made in Germany



extremely durable



30 year*
guarantee!



- ▶ 30 year product guarantee
- ▶ 30 year performance guarantee
- ▶ very good performance tolerance 0/+5Wp
- ▶ compatible with all common inverters

- ▶ constant production control
- ▶ processing of high quality components according to German quality standards
- ▶ further option of integrated Solaredge Power Optimizer maximizing the kWh output up to 25%



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Basic data

| | |
|--|--|
| Dimensions (LxWxH) | 1685 x 995 x 40 mm |
| Weight | 24 kg |
| Cells | 60 polycrystalline solar cells (156x156 mm) |
| Glass front | 2 mm hardened safety glass |
| Glass back | 2 mm hardened safety glass |
| Frame | Anodised aluminium section with hollow chamber and drainage holes, black or silver anodised |
| Bypass diodes | 3 pieces |
| Connection socket | Connecting socket plastic, IP65 type of protection, optional with embedded Solaredge power optimizer |
| Cable, Plug | 4mm ² solar cable, 1000 mm long, high-quality plug system, KSK4 (MC4) |
| Max. Voltage | 1000 V |
| Max. return current | 15 A |
| Temperature range | -40°C bis 85°C |
| Max. pressure load (with third mounting rail, please follow installation instructions) | 7200 Pascal |
| Max. pressure load | 6000 Pascal |
| Max. dynamic load | 2400 Pascal |
| Application class (acc. to IEC 61730) | A |
| Fire class (acc. to IEC 61730) | B |
| Protection class | II |
| Laminate | Dimensions 1678 x 988 x 5.6 mm, Weight 22.7 kg |

Electrical data

under standard test conditions *

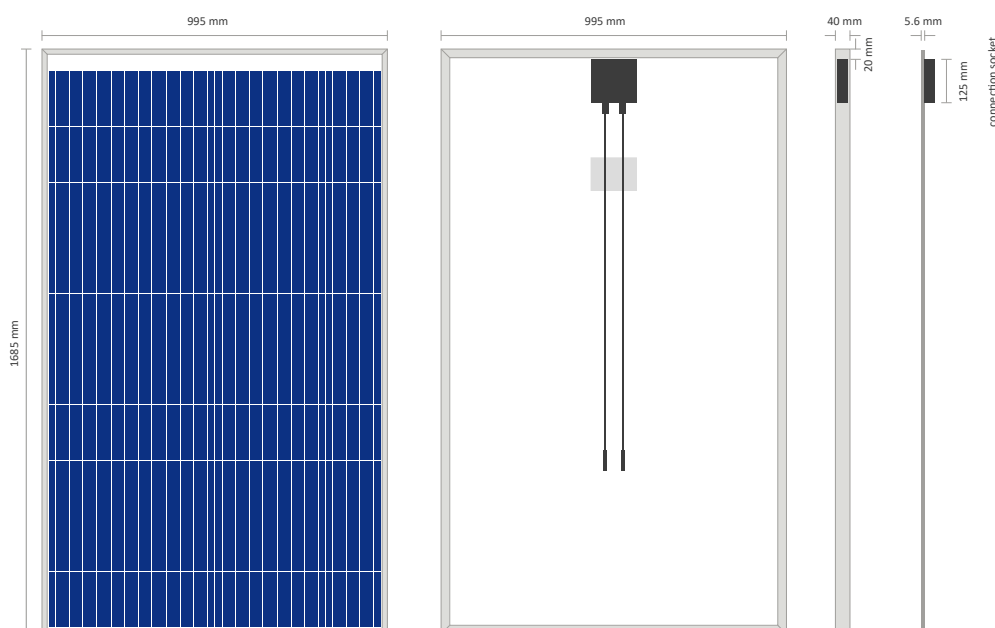
| | | AX P-60 270 | AX P-60 275 | AX P-60 280 |
|-----------------------|----------------------|-------------|-------------|-------------|
| Rated power | P_{MPP} [Wattpeak] | 270 Wp | 275 Wp | 280 Wp |
| Rated voltage | U_{MPP} [Volt] | 31.03 V | 31.36 V | 31.67 V |
| Rated current | I_{MPP} [Ampere] | 8.70 A | 8.77 A | 8.84 A |
| No-load voltage | U_{OC} [Volt] | 38.17 V | 38.57 V | 38.96 V |
| Short-circuit current | I_{SC} [Ampere] | 9.30 A | 9.38 A | 9.45 A |
| Efficiency | η | 16.10 % | 16.40 % | 16.70 % |

Electrical behaviour under NOCT**

| | | | | |
|-----------------------|-----------------------|---------|---------|---------|
| Rated power NOCT | P_{NOCT} [Wattpeak] | 196 Wp | 199 Wp | 203 Wp |
| Rated voltage | U_{MPP} [Volt] | 27.77 V | 28.06 V | 28.34 V |
| Rated current | I_{MPP} [Ampere] | 7.04 A | 7.10 A | 7.15 A |
| No-load voltage | U_{OC} [Volt] | 34.70 V | 35.06 V | 35.42 V |
| Short-circuit current | I_{SC} [Ampere] | 7.53 A | 7.59 A | 7.65 A |

Temperature coefficient (in case of temperature change)

| | | |
|---------|----------------------|------------------------------|
| Power | P_{MPP} [Wattpeak] | $Tk P_{MPP} = -0.406 \% / K$ |
| Voltage | U_{OC} [Volt] | $Tk U_{OC} = -0.308 \% / K$ |
| Current | I_{SC} [Ampere] | $Tk I_{SC} = 0.057 \% / K$ |



take way
for an easy way



Sales partner AxSun Solar

100%
MADE IN
GERMANY