

Luxra PV 60 XM6 260-280 - EU

12-YEAR PRODUCT WARRANTY

MADE IN EUROPE

LUXRA EU-LINE our solutions for professional investors

- NEW: extended 12 years product warranty
- Produced with Meyer Burger technology
- High transmissivity glass
- 100% electroluminescence (EL) tested for micro crack free modules
- Positive performance tolerance
- Friendly environment materials and production process
- PID resistant modules
- Excellent low light and temperature response
- *Power Output guarantee after 10 years 90 %
after 25 years 83 %

LUXRA SOLAR MODULES: LONG OPERATING LIFE – RELIABLE – HIGH PERFORMANCE

Our Luxra Module provides the highest quality standards and outstanding price-performance ratio. Ideal for the professional investor requiring extended warranty and long life performance even under difficult climate conditions.

Product and Quality Highlights

- High-performance solar modules with high efficiency
- High-quality and selected materials
- High wind load and snow load (up to 8000 Pa)
- 12 years product warranty / 25 years power Output warranty
- 100 % electroluminescence (EL) tested for micro crack free modules
- Resistant against salt-mist, corrosion and ammonia (certified)
- High transmission tempered glass, antireflection (AR) coated
- IP 67 junction box, long-term weather endurance

YOUR ADVANTAGES AT A GLANCE

Quality has a name
Luxra = Quality. This is guaranteed by the high-quality components that are used in our modules.

The highest degree of efficiency
Solar modules of the Luxra brand are particularly distinguished by a high degree of efficiency that has yet to be equalled.

Stable and robust
Stable aluminium frames with hollow chamber profile and tempered front glass – a combination that easily holds up against the forces of snow and wind.



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| GENERAL SPECIFICATIONS | | TECHNICAL DRAWING | | | | |
|--|--|---|--|---------|---------|--|
| Number of cells | 60 | | | | | |
| Module weight | 18 kg | | | | | |
| Module dimensions | 1640 x 992 x 38 mm | | | | | |
| Cell type | Monocrystalline silicon | | | | | |
| Front cover type | High transmission low iron tempered glass, AR coated | | | | | |
| Frame material | Silver anodized aluminium 0,015 mm | | | | | |
| TEMPERATURE COEFFICIENTS | | | | | | |
| Tc of Open Circuit Voltage (β) | -0.32% / °C | | | | | |
| Tc of Short Circuit Current (α) | 0.03% / °C | | | | | |
| Tc of Power (γ) | -0.39% / °C | | | | | |
| Maximum System Voltage | 1000 V | | | | | |
| NOCT | 43 °C | | | | | |
| Temperature Range | -40 °C to + 85 °C | | | | | |
| TEMPERATURE SPECIFICATIONS (STC) | | Standard Test Conditions, which are defined as following: Radiant power of 1.000 W/m ² with a spectral density of AM 1,5 and cell temperature of 25 °C. | | | | |
| Nominal output P _{max} | 260 Wp | 265 Wp | 270 Wp | 275 Wp | 280 Wp | |
| Nominal voltage V _{mpp} | 30.70 V | 30.90 V | 31.15 V | 31.30 V | 31.47 V | |
| Nominal current I _{mpp} | 8.48 A | 8.58 A | 8.68 A | 8.80 A | 8.90 A | |
| Open circuit voltage V _{oc} | 38.35 V | 38.60 V | 38.80 V | 39.00 V | 39.20 V | |
| Short circuit current I _{sc} | 9.00 A | 9.10 A | 9.20 A | 9.30 A | 9.40 A | |
| Module efficiency (P _{nom}) % | 16.00% | 16.35% | 16.60% | 16.91% | 17.22% | |
| CERTIFICATES | | | | | | |
| Manufacturers audits and Certificates: | | | | | | |
| <ul style="list-style-type: none"> • IEC 61215:2005 • IEC 61730-1:2004 / IEC 61730-2:2004 • Frontal load (snow) 8000 Pa | | <ul style="list-style-type: none"> • Back load (wind) 2.400 Pa • Fire Resistance Certificate / Class II (under standard UNI 9177) • ISO 9001 / ISO 14001 / OHSAS 18001 | | | | |
| ENVIRONMENTAL SPECIFICATIONS & MECHANICAL DATA | | | WARRANTY | | | |
| Operating temperature | -40 °C to + 85 °C | | | | | |
| Maximum permissible load | 8000 Pa | | | | | |
| Performance tolerance | 0 / +4.99W | | | | | |
| Maximum permissible system voltage | DC 1000 V | | | | | |
| Reverse current loadability (IR) | 15 A | | | | | |
| Application class | A (safety class II) | | | | | |
| Junction Box | IP67 | | | | | |
| Cable | 1000mm length cables | | | | | |
| Plug type | Connector MC4 or compatible | | | | | |
| WARRANTY AND CERTIFICATIONS | | | | | | |
| Product warranty | 12 years limited warranty on product quality | | | | | |
| Performance guarantee | 12 years on 90% of the rated output, 25 years on 80% of the rated output | | | | | |
| IRRADIANCE DEPENDENCE | | | | | | |
| [W/m ²] | 1000 | 800 | 600 | 400 | | |
| I _{sc} | 0% | 19.6% | -39.5% | -59.2% | | |
| V _{oc} | 0% | -1.38% | -3.05% | -5.90% | | |
| | | | | | | |
| | | | Luxra International AG Hauptstrasse 14a CH - 8280 Kreuzlingen Tel. +41 71 670 16 01 • Fax +41 71 670 16 69 www.luxra.ch • info@luxra.ch | | | |

Datasheet applicable for: PV 60 - XP6 - XXX (where XXX = 250 - 270)

No responsibility is taken for the correctness of information. We reserve the right to make technical changes. Correct as of September 2016.

* Product warranty and power output guarantee is provided to the original customer according to our Standard Terms and Conditions and technical specification