# IXTA PV 60 XM6 260-280 - EU



# **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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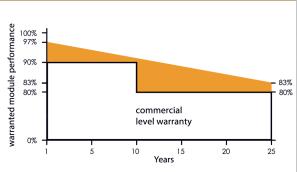
GENERAL SPECIFICATIONS			TECHNICAL DRAWING			
Number of cells	60					
Module weight	18 kg					
Module dimensions	1640 x 992 x 38 mm					
Cell type	Monorystalline silicon					
Front cover type	High transmission low iron tempered glass, AR coated		8			E E
Frame material	Silver anodized aluminium 0,015 mm		lenght - 1640 mm		1000 mm 1000 mm	ght - 1640
TEMPERATURE COEFFICIEN	NTS  -0.32% / °C					<u>=</u>
Tc of Open Circuit Voltage (β)						
Tc of Short Circuit Current (α)	0.03% / °C				. (+) (-)	
Tc of Power (γ)	-0.39% / °C					
Maximum System Voltage	1000 V					
NOCT	43 °C			<u>+</u>		
Temperature Range	erature Range -40°C to +85°C		38.00 mm widht - 992 mm			mm -
TEMPERATURE SPECIFICAT	TIONS (STC)	tandard Test Conditions, whic .000 W/m² with a spectral d	th are defined as following: Rensity of AM 1,5 and cell ten			
Nominal output P <sub>max</sub>	260 Wp	265 Wp	270 Wp	275 Wp	280 Wp	
Nominal voltage V <sub>mpp</sub>	30.70 V	30.90 V	31.15 V	31.30 V	31.47 V	
Nominal current I <sub>mpp</sub>	8.48 A	8.58 A	8.68 A	8.80 A	8.90 A	
Open circuit voltage V <sub>oc</sub>	38.35 V	38.60 V	38.80 V	39.00 V	39.20 V	
Short circuit current I <sub>sc</sub>	9.00 A	9.10 A	9.20 A	9.30 A	9.40 A	
Module efficiency (P <sub>nom</sub> ) %	16.00%	16.35%	16.60%	16.91%	17.22%	

### CERTIFICATES

## Manufacturers audits and Certificates:

- IEC 61215:2005
- IEC 61730-1:2004 / IEC 61730-2:2004
- Frontal load (snow) 8000 Pa
- Back load (wind) 2.400 Pa
- Fire Resistance Certificate / Class II (under standard UNI 9177)
- ISO 9001 / ISO 14001 / OHSAS 18001

ENVIRONMENTAL SPECIF	ICATIONS & MECHANICAL DATA	
Operating temperature	-40°C to + 85°C	
Maximum permissible load	8000 Pa	] ;
Performance tolerance	0 / +4.99W	
Maximum permissible system voltage	DC 1000 V	7.01
Reverse current loadability (IR)	15 A	3
Application class	A (safety class II)	1
Junction Box	IP67	
Cable	1000mm length cables	
Plug type	Connector MC4 or compatible	
WADDANITY AND CEDTIES	CATIONS	



### WARRANTY AND CERTIFICATIONS

	Product warranty	12 years limited warranty on product qualtity			
	Performance guarantee	12 years on 90% of the rated output, 25 years on 80% of the rated output			

### IRRADIANCE DEPENDENCE

$[W/m^2]$	W/m²] 1000		600	400		
Isc	0%	19.6%	-39.5%	-59.2%		
Voc	0%	-1.38%	-3.05%	-5.90%		



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

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

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