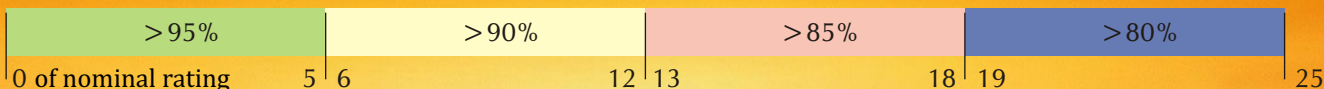


High Efficiency Solar Photo-Voltaic Mono Crystalline Modules from Lanco Solar

Special Features

- 100% inspection by EL - Microcrack free Modules
- Positive Power Tolerance [-0 & +5W]
- In-laid RFID Tags
- Highly Automated Assembly Line
- High Quality Induction Soldered Joints
- High Fill factor and low series Resistance
- Solar PV modules Suitable for All Climates.
- 10 Year Replacement Warranty on Workmanship

25 Year Power Performance Guarantee



Lanco Solar Module Characteristics

Electrical Data @ STC				
	MODEL	LSP250M	LSP255M	LSP260M
Power Max	W	250	255	260
Short Circuit Current-Isc	A	8.71	8.75	8.8
Open Circuit Voltage-Voc	V	38.04	38.24	38.39
Current at Max Power-Imp	A	8.03	8.15	8.28
Voltage at Max Power-Vmpp	V	31.15	31.31	31.43
Fill Factor	%	75.5%	76.3%	77.0%
Module Efficiency	%	15.2%	15.5%	15.8%
General Characteristics				
Power Tolerance	W	- 0 + 5W		
System Voltage	V	1000		
Operating Temperature	°C	-40 to +85		
NOCT	°C	47 +/- 2		
Temp coefficient of Current	%/°C	+ 0.06		
Temp coefficient of Voltage	%/°C	- 0.33		
Temp coefficient of Power	%/°C	- 0.47		
Module Construction Details				
No. of cells and Matrix	60 (10 x 6)			
Junction Box Rating	IP 65			
Junction Box Fuse Rating	15A			
Aluminum Frame	AL 6063 T5			
Solar Glass	High Transmittance 3.2mm Textured & Tempered Glass			
Certifications				
Product Certifications	IEC 61215, IEC 61730 , IEC 61701 , And UL 1703			
Certification Lab	TUV Rheinland, UL and Intertek			
Plant Certifications	ISO 9001:2008, ISO 14001 and OHSAS 18001:2007			

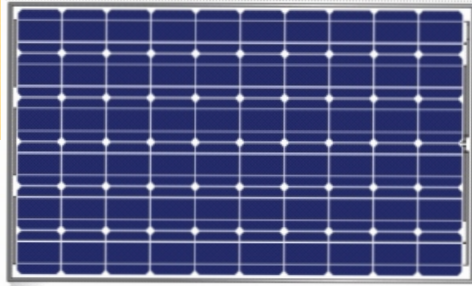
Module Mechanical & Packing Details

Module size	1661 x 991 x 40 mm +/- 1mm
Module Mounting Dimensions	8 Mounting Holes of Size: 9x14mm 4 @ 1360 X 941 +/- 3mm & 4 @ 860 X 941 +/- 3mm
Module Weight	19.5 kg
Frame Joint & Drain Hole details	

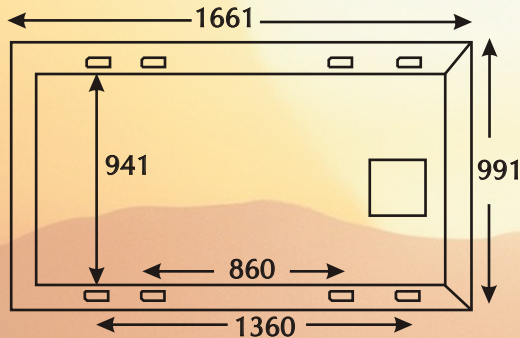
No. of Modules in pallet	24 No's
No. of Pallets in 40feet Container	28 No's
No. of Modules per Container	672 No's (168 KW to 175 KW)

Dimensions of LSP XXX P 60 Cell Series

Module Front Side

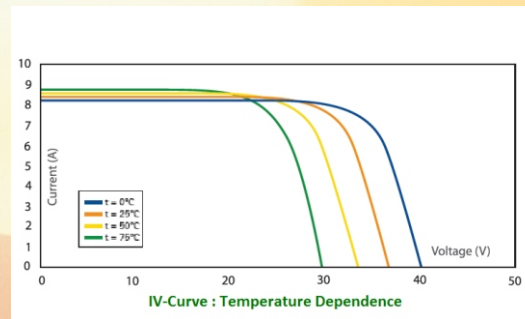
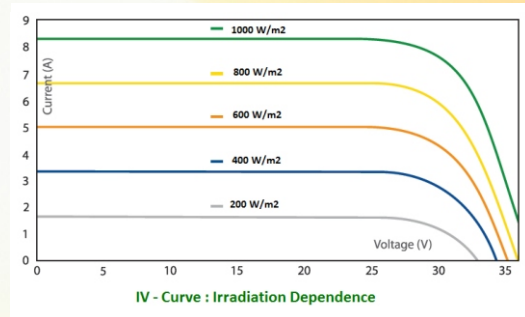


Module Back Side Schematic



Note: All Dimensions are in mm

IV Characteristics



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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