

6 inch
Cells

PVM M245P R1

6 inch
Cells

PVM M250P R1

LSIS Poly-Crystalline Module

LSIS photovoltaic system makes a difference.

Photovoltaic energy is no longer the exclusive property of the specific group. LSIS (former LG Industrial Systems) has been manufacturing solar modules for more than 27 years. This experience provides convenience and high efficiency that anytime, anywhere, anyone can use. All LSIS photovoltaic products are **Made in South Korea**.



PVM M245P R1/M250P R1



Corrosion-Salt resistance (optional)

Able to add 'Corrosion-Salt resistance' to the PV modules to the customer's order. Using the special junction boxes & frames enhance 'Corrosion-Salt resistance' of the PV modules. The special junction boxes adopt 'Gas Permeation Prevention Structure' in its electric joint point and the frames have passed the CASS(Copper-Accelerated Acetic Acid Salt Spray) test for more than 120 hours.



Field improved photovoltaic system since 1986

Long lasting product quality. LSIS photovoltaic plants built more than 27 years ago are still generating power. It remarks significant competitive edge on LSIS.



Plus Power Tolerance

LSIS delivers only reliable products
Within a nominal power output tolerance from 0 to 3%.



Warranty

5 years for product mechanical defect,
10 years for 90% power warranty,
25 years for 80% power warranty.



Successful case in Japan

LSIS' PV Systems installed by more than 80MW each year in Japan.



Proper module for total solution system

LSIS Power Testing & Technology institute is recognized as a testing and certification laboratory of KEMA (Inspection of Electrical Materials of Netherland), IEC, CE, CB, UL, and CESI. LSIS PV Module obtained certification TUV, UL, JET, J-PEC.



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LSIS Poly-Crystalline Module

DESCRIPTION		245W	250W
MECHANICAL DATA		6 Inch Cell Module	
Cell Type		LSIS Poly-Crystalline	
Cell Dimensions [mm]		156 x 156	
Cell Quantity per Module		60ea	
Number of Busbar		3	
Dimensions [L x W x T]		1643 x 981 x 40 mm	
Weight		19.1 kg	
Bypass Diodes		3	
Connection Type		MC4 Compatible	
Length of Cable		1000 mm	
Maximun Load[Pa]		5400pa	
ELECTRICAL DATA			
Nominal Power (Pmax)	[Wp]	245	250
Performance tolerance	[%]	0 ~ +3	0 ~ +3
Efficiency	[%]	15.20	15.51
Open-Circuit Voltage	[V]	36.25	37.05
Short-Circuit Current	[A]	8.85	8.89
Voltage at Maximum-Power Point	[V]	29.8	30.14
Current at Maximum-Power Point	[A]	8.24	8.3
Temperature Coefficient of Isc	[A/k]	0.004	
Temperature Coefficient of Isc	[%/k]	0.05	
Temperature Coefficient of Voc	[v/k]	-0.137	
Temperature Coefficient of Voc	[%/k]	-0.371	
Temperature Coefficient of Pmax	[W/k]	-1.279	
Temperature Coefficient of Pmax	[%/k]	-0.531	
Maximum System Voltage	[V]	1000V	
Series Fuse Rating	[A]	15	
CERTIFICATION AND WARRANTY			
Certification		TUV(IEC61215, IEC61730)	
Product Warranty		5 years	
Output Warranty		10 / 90 [years / %]	
Output Warranty		25 / 80 [years / %]	

