

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

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**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**LSIS Co., Ltd  
PVM M300-315PD  
PVM M300PD**

Also available on the web at  
[EnergyPal.com/lis-co-ltd-solar-panels/pvm-m300pd](http://EnergyPal.com/lis-co-ltd-solar-panels/pvm-m300pd)

6 inch Cells

# PVM M300PD

6 inch Cells

# PVM M305PD

6 inch Cells

# PVM M310PD

6 inch Cells

# PVM M315PD

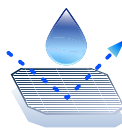
LSIS Poly-Crystalline(PID Free) *Floating system PV module*

## LSIS Photovoltaic Module makes a difference

LSIS has been manufacturing photovoltaic modules for more than 30 years. We are confident that this history-based experience can provide convenience and efficiency to make the best use of building solar power system. LSIS PV modules are all made in Korea with assuring credibility and the highest quality.



PVM M300PD\_M305PD\_PVM M310PD\_PVM M315PD



### Adaptable PV module on the WATER SURFACE

- Pb free module to prevent water pollution
- Enhanced resistance against humidity
- High protection grade : IP67 (IEC Standard grade : IP65)
- Enforced insulation strength ( Higher than 50MΩ )



### LSIS values 'PID Free'

Mega-Scale PV Plants can be easily exposed PID effects that can lead to or accelerate module degradation through multiple factors. LSIS provides reliable PID Free Module tested and guaranteed.



### Plus Power Tolerance

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



### Warranty

10 years Product Warranty for Mechanical Defect  
10 years for 91.5% Power Warranty  
25 years for 83% Power Warranty



### 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 and CESI. LSIS PV Module obtained certification TUV, JET, J-PEC.



6 inch Cells

PVM M300PD

6 inch Cells

PVM M305PD

6 inch Cells

PVM M310PD

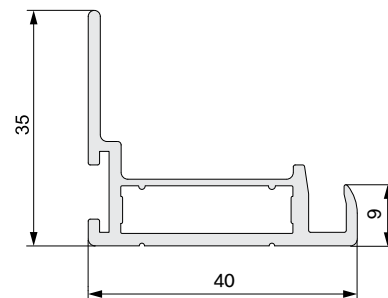
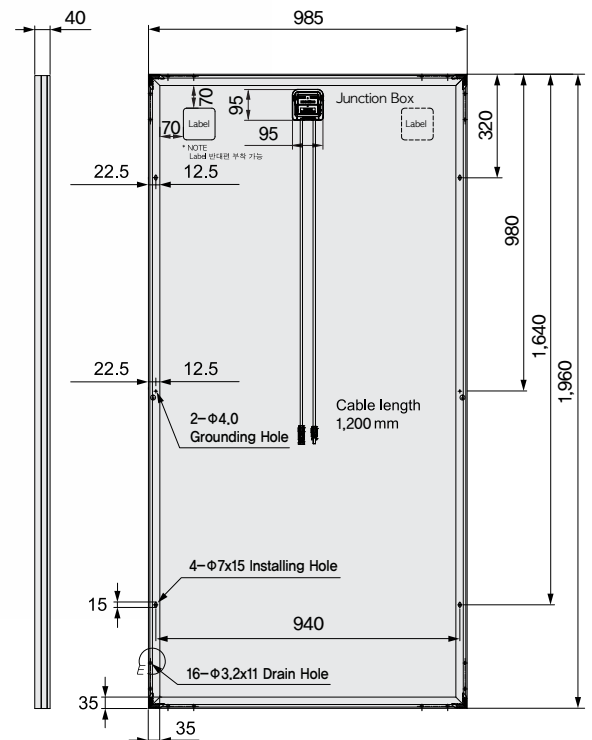
6 inch Cells

PVM M315PD

LSIS Poly-Crystalline(PID Free)

Floating system PV module

DESCRIPTION	PVM M300PD	PVM M305PD	PVM M310PD	PVM M315PD
<b>MECHANICAL DATA</b>				
Cell Type	Poly-Crystalline			
Cell Dimensions	156 x 156 mm (6 inch)			
Cell Quantity per Module	72ea			
Number of Busbar	3ea			
Dimensions [L x W x T]	1,960 x 985 x 40 mm			
Weight	23 kg			
Bypass Diodes	3ea			
Connection Type	MC4 Compatible			
Length of Cable	1,200 mm			
Maximum Load	5,400pa			
<b>ELECTRICAL DATA</b>				
Nominal Power (Pmax)	300Wp	305Wp	310Wp	315Wp
Performance Tolerance	0 ~ +3%	0 ~ +3%	0 ~ +3%	0 ~ +3%
Module Efficiency	15.54%	15.80%	16.06%	16.32%
Open Circuit Voltage (Voc)	45.14V	45.16V	45.21V	45.31V
Short Circuit Voltage (Isc)	8.74A	8.76A	8.82A	8.89A
Voltage at Maximum-Power Point (Vmp)	37.01V	37.32V	37.62V	38.05V
Current at Maximum-Power Point (Imp)	8.12A	8.18A	8.25A	8.29A
Temperature Coefficient (Isc)	0.0634[%/°C]			
Temperature Coefficient (Voc)	-0.3451[%/°C]			
Temperature Coefficient (Pmax)	-0.4574[%/°C]			
Maximum System Voltage	1,000V			
Maximum Rated Current of Diode	20A			
Over Current Protection Rating	12A			
<b>CERTIFICATION AND WARRANTY</b>				
Certification	TUV Rheinland, KEMCO, CE			
Product Warranty	10 years			
Output Warranty	10/91.5 [years/%]			
	25/83 [years/%]			



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※ LSIS constantly endeavor to improve our products so that information in this catalog is subject to change without notice.

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