

6 inch Cells

PVM M300PD

6 inch Cells

PVM M305PD

6 inch Cells

PVM M310PD

6 inch Cells

PVM M315PD

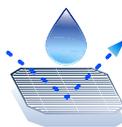
LSIS Poly-Crystalline(PID Free) *Floating system PV module*

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.



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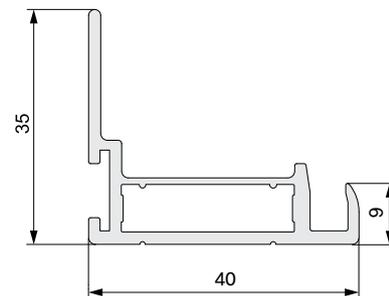
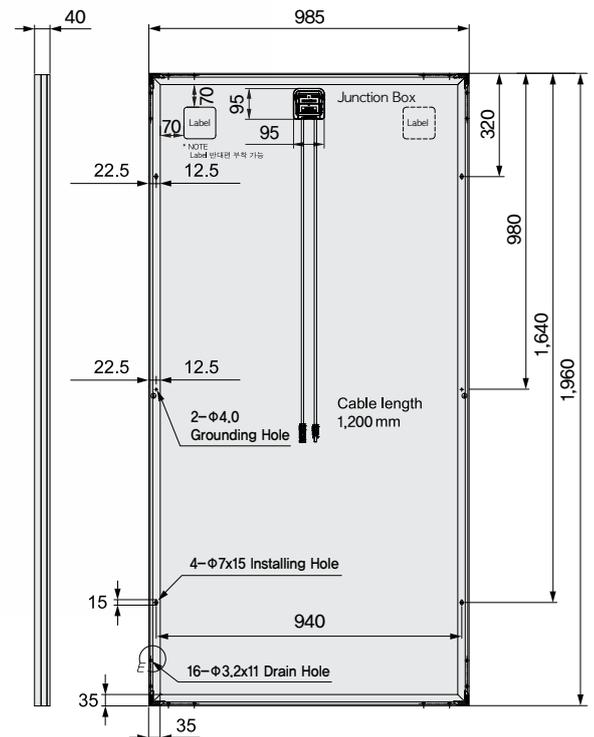
6 inch Cells

PVM M315PD

LSIS Poly-Crystalline(PID Free)

Floating system PV module

| DESCRIPTION | PVM M300PD | PVM M305PD | PVM M310PD | PVM M315PD |
|--------------------------------------|--------------------------|------------|------------|------------|
| MECHANICAL DATA | | | | |
| 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 | | | |
| ELECTRICAL DATA | | | | |
| 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 | | | |
| CERTIFICATION AND WARRANTY | | | | |
| 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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