



PERLIGHTSOLAR

Monocrystalline Silicon Solar Modules

High-efficiency photovoltaic module using silicon nitride coated monocrystalline silicon cells.

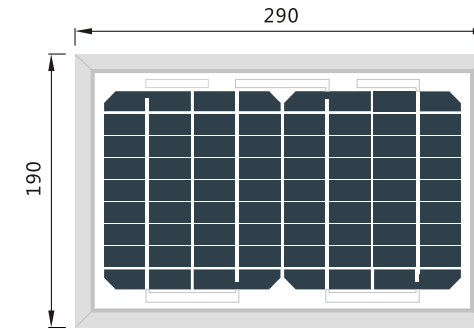
- PLM-005M/010M SERIES
- PLM-015M/020M SERIES
- PLM-025M/030M SERIES
- PLM-035M/040M SERIES
- PLM-045M/050M SERIES
- PLM-055M/060M SERIES
- PLM-065M SERIES
- PLM-080M SERIES
- PLM-090M SERIES
- PLM-100M SERIES
- PLM-115M SERIES
- PLM-120M SERIES
- PLM-140M SERIES

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PLM-005M/010M SERIES

Monocrystalline Silicon Solar Panels

High-efficiency photovoltaic module using silicon nitride coated monocrystalline silicon cells.



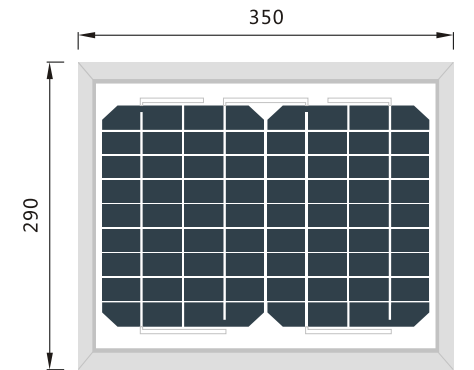
Electrical Characteristics

| Model | PLM-005M/12 | PLM-010M/12 |
|------------------------|-------------|-------------|
| Pm | 5 | 10 |
| Vmp | 17.9V | 17.6V |
| Imp | 0.28A | 0.57A |
| Voc | 22.3V | 22.6V |
| Isc | 0.3A | 0.61A |
| Maximum system voltage | 715VDC | 715VDC |

STC: Irradiance 1000W/m², Temperature 25°C , AM=1.5

Mechanical Characteristics

| | | |
|-----------------------|----------------------------|-------------------------|
| Cells Size(mm) | 62.5×13.8(28) 62.5×14.2(8) | 78×21.9(28) 78×23.25(8) |
| Modules Size(mm) | 290×190×25 | 290×350×25 |
| No. of cells | 36 (4×9) | 36 (4×9) |
| Weight(KG) | 0.8 | 1.4 |
| No. of Mounting Holes | 4 | 4 |
| No. Of Waterspout | - | - |



Note:This publication summarizes product warranty and specifications,which are subject without notice.Additional information can be found on our website

www.perlight.com.