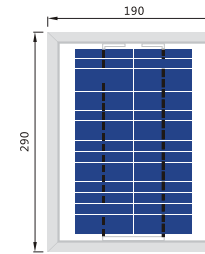


## Polycrystalline Silicon Solar Modules

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

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



## 005P/010P SERIES

### Polycrystalline Silicon Solar Panels

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

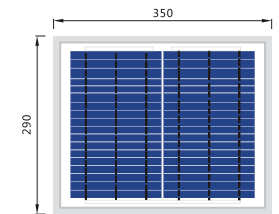
#### Electrical Characteristics

| Model                  | PLM-005P/12 | PLM-010P/12 |
|------------------------|-------------|-------------|
| Pm                     | 5           | 10          |
| Vmp                    | 17.4V       | 17.5V       |
| Imp                    | 0.29A       | 0.57A       |
| Voc                    | 22.0V       | 22.0V       |
| Isc                    | 0.31A       | 0.62A       |
| Maximum system voltage | 715VDC      | 715VDC      |

STC: Irradiance 1000W/m<sup>2</sup>, Temperature 25°C, AM=1.5

#### Mechanical Characteristics

| Cell Size(mm)         | 78×12(36)  | 156×12(36) |
|-----------------------|------------|------------|
| Modules Size(mm)      | 290×190×25 | 290×350×25 |
| No. of cells          | 36 (2×18)  | 36 (2×18)  |
| 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](http://www.perlight.com).

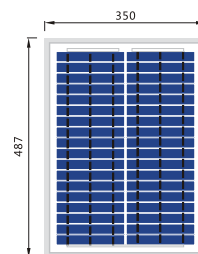
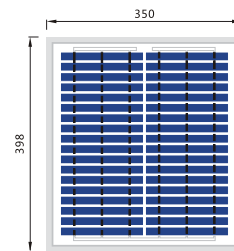
#### Electrical Characteristics

| Model                  | PLM-015P/12 | PLM-020P/12 |
|------------------------|-------------|-------------|
| Pm                     | 15          | 20          |
| Vmp                    | 17.9V       | 18.3V       |
| Imp                    | 0.84A       | 1.09A       |
| Voc                    | 22.1V       | 22.3V       |
| Isc                    | 0.92A       | 1.19A       |
| Maximum system voltage | 715VDC      | 715VDC      |

STC: Irradiance 1000W/m<sup>2</sup>, Temperature 25°C, AM=1.5

#### Mechanical Characteristics

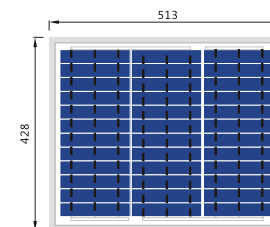
| Cell Size(mm)         | 156×17.3(32) | 156×17.6(4) | 156×22.3(32) | 156×22.1(4) |
|-----------------------|--------------|-------------|--------------|-------------|
| Modules Size(mm)      | 398×350×25   |             | 487×350×25   |             |
| No. of cells          | 36 (2×18)    |             | 36 (2×18)    |             |
| Weight(KG)            | 1.8          |             | 2.1          |             |
| No. of Mounting Holes | 4            |             | 4            |             |
| No. Of Waterspout     | -            |             | -            |             |



## 015P/020P SERIES

Polycrystalline Silicon Solar Panels

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



## 025P/030P SERIES

### Polycrystalline Silicon Solar Panels

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

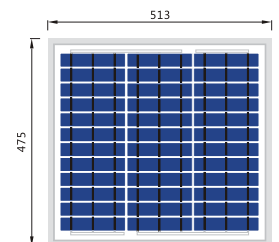
#### Electrical Characteristics

| Model                  | PLM-025P/12 | PLM-030P/12 |
|------------------------|-------------|-------------|
| Pm                     | 25          | 30          |
| Vmp                    | 17.9V       | 18.3V       |
| Imp                    | 1.40A       | 1.64A       |
| Voc                    | 22.1V       | 22.3V       |
| Isc                    | 1.54A       | 1.79A       |
| Maximum system voltage | 715VDC      | 715VDC      |

STC: Irradiance 1000W/m<sup>2</sup>, Temperature 25°C, AM=1.5

#### Mechanical Characteristics

| Cell Size(mm)         | 156×28.8(36) | 156×33.45(36) |
|-----------------------|--------------|---------------|
| Modules Size(mm)      | 428×513×25   | 475×513×25    |
| No. of cells          | 36 (3×12)    | 36 (3×12)     |
| Weight(KG)            | 2.7          | 3.1           |
| 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](http://www.perlight.com).