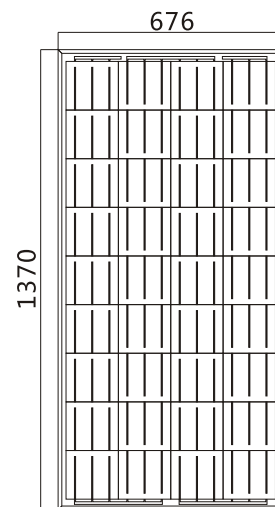
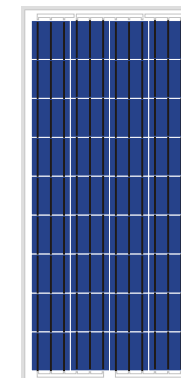


# PLM-140P SERIES

Polycrystalline Silicon Solar Panels

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



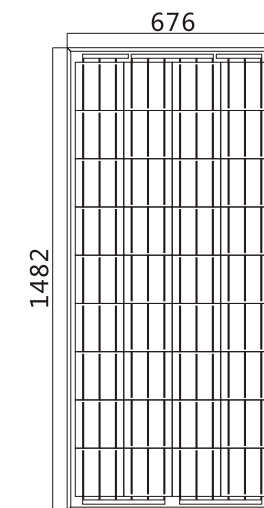
## Electrical Characteristics

| Model                  | PLM-130P/12 | PLM-135P/12 | PLM-140P/12 | PLM-145P/12 |
|------------------------|-------------|-------------|-------------|-------------|
| Pm                     | 130         | 135         | 140         | 145         |
| Vmp                    | 17.4V       | 17.9V       | 18.3V       | 18.5V       |
| Imp                    | 7.47A       | 7.54A       | 7.65A       | 7.84A       |
| Voc                    | 22.0V       | 22.1V       | 22.3V       | 22.4V       |
| Isc                    | 8.18A       | 8.29A       | 8.33A       | 8.39A       |
| Maximum system voltage | 715VDC      | 715VDC      | 715VDC      | 715VDC      |

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

## Mechanical Characteristics

|                       |             |
|-----------------------|-------------|
| Cells Size(mm)        | 156×156(36) |
| Modules Size(mm)      | 1482×676×35 |
| No. of cells          | 36 ( 4×9)   |
| Weight(KG)            | 11.5        |
| No. of Mounting Holes | 8           |
| No. Of Waterspout     | 16          |



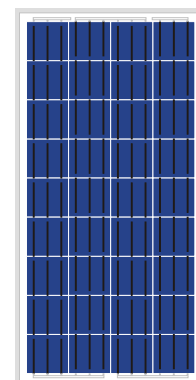
## Electrical Characteristics

| Model                  | PLM-120P/12 | PLM-125P/12 |
|------------------------|-------------|-------------|
| Pm                     | 120         | 125         |
| Vmp                    | 17.5V       | 18.0V       |
| Imp                    | 6.86A       | 6.94A       |
| Voc                    | 21.9V       | 22.1V       |
| Isc                    | 7.56A       | 7.61A       |
| Maximum system voltage | 715VDC      | 715VDC      |

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

## Mechanical Characteristics

|                       |             |
|-----------------------|-------------|
| Cells Size(mm)        | 156×143(36) |
| Modules Size(mm)      | 1370×676×35 |
| No. of cells          | 36 ( 4×9)   |
| Weight(KG)            | 10.4        |
| No. of Mounting Holes | 8           |
| No. Of Waterspout     | 16          |



# PLM-120P SERIES

Polycrystalline Silicon Solar Panels

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