



## Monocrystalline 30w

ASL30-18-M

### Quality and Safety

- Rigorous quality control meeting the highest international standards.
- High-transmissivity low-iron tempered glass, strong aluminum frame Using UV-resistant silicon.
- ISO 9001:2008 ISO 14001:2004 and OHSAS18001.
- IEC61215,IEC61730,Safety Class II,conformity to CE.

### Warranties

- 10 years limited product warranty.
- 10 years at 90% of the minimal rated power output.
- 25 years at 80% of the minimal rated power output.

### Certificates

### Features

- Aesthetic appearance with excellent efficiency based on innovative photovoltaic technologies.
- High quality, strong aluminum frame, passing mechanical load testing 5400 Pa and wind pressure 2400Pa.

## Electrical Characteristics

Technical parameter (with tolerance 0~+3%)

|                                |        |
|--------------------------------|--------|
| Maximum Power(W)               | 30W    |
| Optimum Power Voltage(Vmp)     | 17.9V  |
| Optimum Operating Current(Imp) | 1.69A  |
| Open Circuit Voltage(Voc)      | 21.48V |
| Short Circuit Current(Isc)     | 1.83A  |
| Cells Efficiency               | 14.6%  |
| Modules Efficiency             | 12.2%  |

### Mechanical Characteristics

|              |   |
|--------------|---|
| Cell Type    | Monocrystalline 166x36mm                          |
| No of Cell   | 32(2x16) PCS                                      |
| Dimensions   | 375x610x25mm                                      |
| Weight       | 2.4KGS  |
| Front Glass  | 3.2mm,High Transmission, Low Iron, Tempered Glass |
| Frame        | Anodized Aluminium Alloy                          |
| Junction box | IP65 Rated  |
| Output Cable | Black and Red,Length:900mm                        |

### Temperature and Coefficients

|  |                        |
|--|------------------------|
| Operating Temperature(°C):                 | -40°C ~ + 85°C         |
| Maximum System Voltage:                    | 600V(UL)/1000V(IEC) DC |
| Maximum Rated Current Series:              | 10A                    |
| Temperature Coefficients of Pmax:          | -0.435%                |
| Temperature Coefficients of Voc:           | -0.35%                 |
| Temperature Coefficients of Isc:           | 0.043%                 |
| Nominal Operating Cell Temperature (NOCT): | 47+/-2°C               |

### Loading Quantity

|                |         |
|----------------|---------|
| 20FT Container | 4000PCS |
| 40HQ Container | 8400PCS |