

## **DS-2XS6K01-C120S180** **Solar Power Modules**



- 180 W single-crystal silicon solar panel with higher covert efficiency (22%)
- Support battery management, battery display, battery high-low temperature protection, charge-discharge protection, low-battery sleep protection, and remote wakeup
- 1200 Wh lithium iron phosphate battery offers enhanced safety and supports 2,000 charging cycles (battery health  $\geq 70\%$ )
- LED indicators display battery percentage, and charging/discharging status, making maintenance easier
- Support RS-485 battery info. retrieval and low-power protection (prevents frequent power cycling caused by power fluctuations in low-power conditions)
- Water and dust resistant (IP67)

## ▪ Specification

| Interface             |                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| RS-485                | 1 RS-485 (half duplex, connect to Solar Power 4G Network Camera Kit, 9600 bps )                                                        |
| Power Output          | 11.6 to 14.6 VDC (max. 120 W) & 24 VDC (max. 60 W)                                                                                     |
| General               |                                                                                                                                        |
| Material              | Battery: Lithium Iron Phosphate, Bracket: Q235B, Solar panel: single-crystal silicon                                                   |
| Dimension             | 1290 mm × 735.4 mm × 496.8 mm (50.79" × 28.95" × 19.56")<br>(Max. size after it is completely assembled)                               |
| Package Dimension     | Panel: 1360 mm × 830 mm × 100 mm (53.54" × 32.68" × 3.94")<br>Battery: 860 mm × 235 mm × 160 mm (33.86" × 9.25" × 6.3")                |
| Weight                | Approx. 23.2 kg (51.15 lb.)<br>Approx. 12.4 kg (27.34 lb.)                                                                             |
| With Package Weight   | Approx. 27.6 kg (60.85 lb.)<br>Approx. 15 kg (33.07 lb.)                                                                               |
| Battery               |                                                                                                                                        |
| Battery Type          | Lithium Iron Phosphate                                                                                                                 |
| Capacity              | 1200 Wh                                                                                                                                |
| Battery Voltage       | 12.8 VDC                                                                                                                               |
| Operating Temperature | Charging: 0 °C to 55 °C (32 °F to 131 °F)<br>Discharging: -20 °C to 55 °C (-4 °F to 131 °F)                                            |
| Battery Life          | More than 2,000 cycles (25 °C ± 2 °C)                                                                                                  |
| Battery Weight        | Approx. 2.74 kg (6.0 lb.) (0.685 kg (1.5 lb.) for each battery)                                                                        |
| Approval              |                                                                                                                                        |
| EMC                   | EN 55032:2015+AC:2016+A1:2020+A11:2020<br>EN 55035:2017+A11:2020<br>EN IEC 61000-3-2:2019/A1:2021<br>EN 61000-3-3:2013/A2:2021/AC:2022 |
| Environment           | CE-RoHS (2011/65/EU)<br>WEEE (2012/19/EU)<br>Reach (Regulation (EC) No 1907/2006)                                                      |
| Protection            | IP66                                                                                                                                   |

## ▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

| Level                | Description                                                                                                                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.                                             |
| Moderate protection  | Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. |

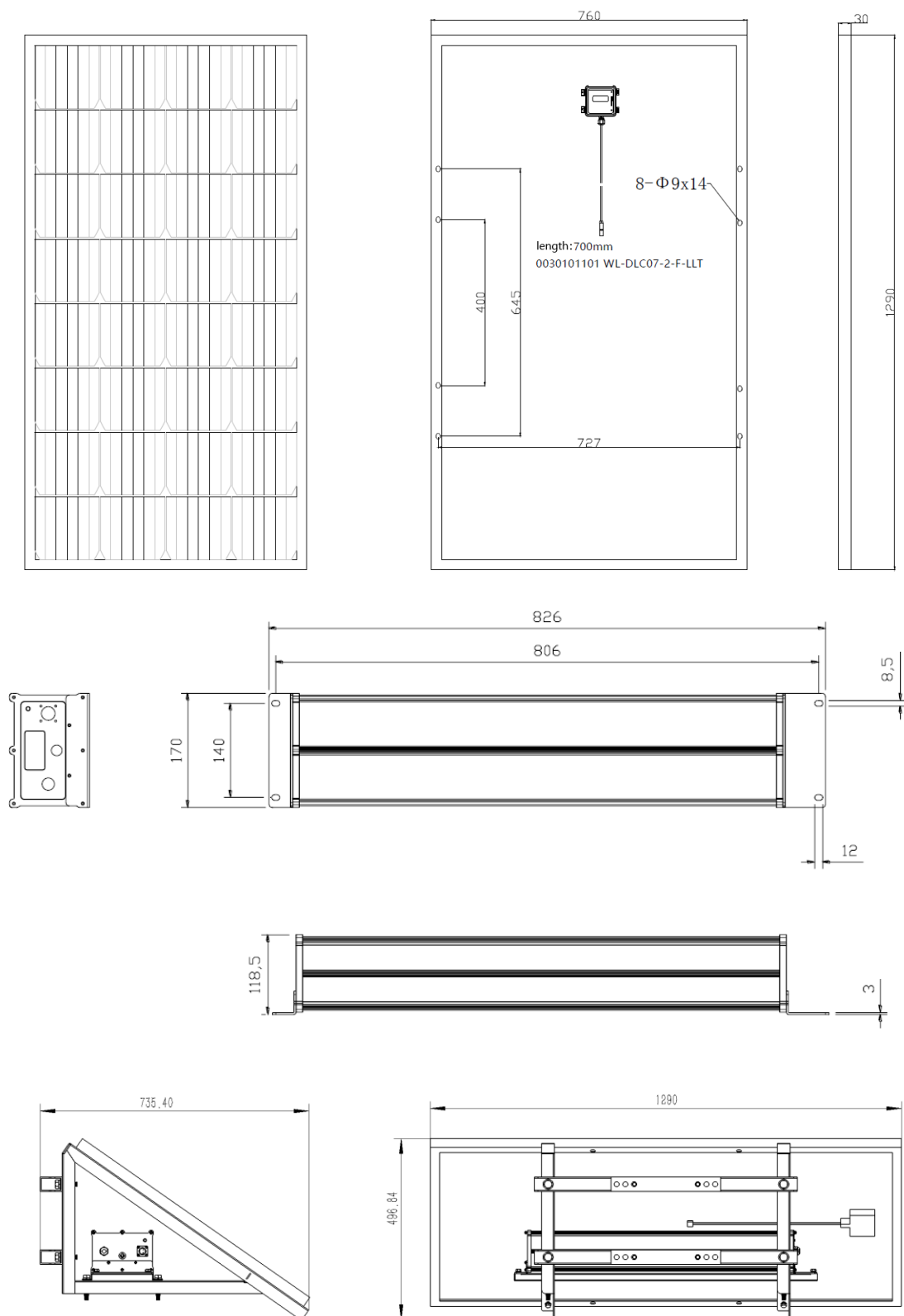
No specific protection

Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

## ▪ Available Model

DS-2XS6K01-C120S180

## ▪ Dimension



- **Accessory**
- **Optional**

**DS-3T1506HP-EI-U**

**PS**



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