

DS-2XS6K01-C120S180
Solar Power Kit

- 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") (Max. size after it is completely assembled)
Package Dimension	Panel: 1360 mm × 830 mm × 100 mm (53.54" × 32.68" × 3.94") Battery: 860 mm × 235 mm × 160 mm (33.86" × 9.25" × 6.3")
Weight	Approx. 23.2 kg (51.15 lb.) Approx. 12.4 kg (27.34 lb.)
With Package Weight	Approx. 27.6 kg (60.85 lb.) Approx. 15 kg (33.07 lb.)
Battery	
Battery Type	Lithium Iron Phosphate
Capacity	1280 Wh
Battery Voltage	12.8 VDC
Operating Temperature	Charging: 0 °C to 55 °C (32 °F to 131 °F) 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 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019/A1:2021 EN 61000-3-3:2013/A2:2021/AC:2022
Environment	CE-RoHS (2011/65/EU) WEEE (2012/19/EU) 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.

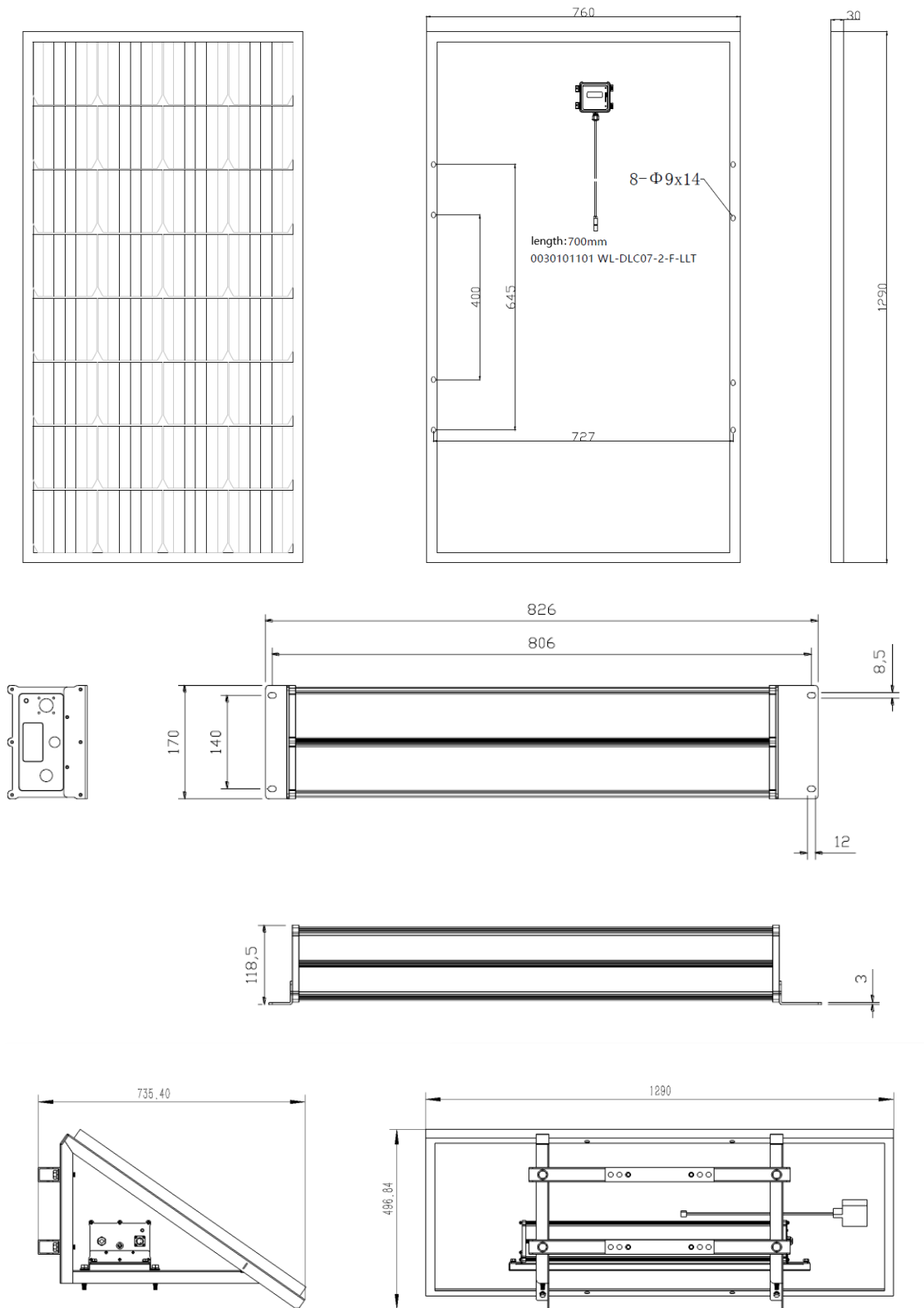
No specific protection

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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