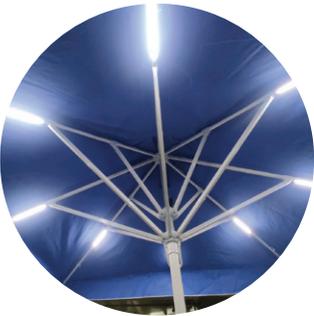


◆ CWT-SMSY-96W-172WH



- ◆ Easy Open and Close Mechanism
- ◆ Automatic Battery Protection in Closed Position
- ◆ 172 Wh Lithium Battery
- ◆ Battery Level Indicator
- ◆ USB and Type-C Fast Charging Support
- ◆ Key-Controlled LED Lighting
- ◆ 8 White 4000-5000K LEDs
- ◆ Can be produced in different sizes and fabric options.



WHAT CAN BE POWERED?

With this easy-to-install system, you can power electronic devices with USB and Type-C ports, such as tablets and fans, while also meeting your lighting and phone charging needs.

Which DEVICES CAN BE POWERED AND FOR how long WITH THE SOLAR-POWERED UMBRELLA?	 LED	 Fan	 Mobile Phone
	6 Hours	4 Hours	4 Hours

Note: The operating times are calculated assuming that all electronic devices are running simultaneously.

SOLAR-POWERED UMBRELLA

Product Code	Used Solar Panel (Wp)	Battery System Voltage (V)	Daily Average Power Generated (Wh)	Used Panel Area (m ²)	Used LFP Battery (V/Ah)	Energy Storage Capacity (Wh)
CWT-SMSY-96W-172WH	1 x 96 (TOPCon)	10.8	384	0.686	10.8 / 16	172

Note: The usage times and production values mentioned above are for informational purposes only and have been calculated based on an average sunlight exposure of 4 hours per day. The generated energy and consumption times have been calculated based on the optimal azimuth tilt angle and may vary depending on weather conditions and regions.

SOLAR PANEL

Total Maximum Power (Pmax)	96
Total Open-Circuit Voltage (Voc)	54.16
Total Short-Circuit Current (Isc)	2.34
Panel Size (mm/piece)	138x580

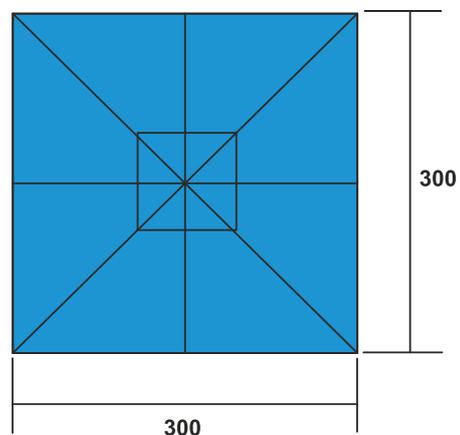
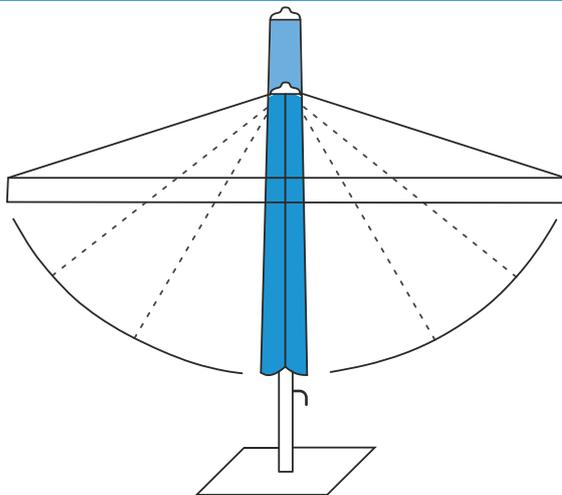
LITHIUM BATTERY

Total Nominal Voltage (V)	10.8
Capacity (Ah)	16
Battery Technology	Li-ion
Total Lithium Batteries (Pieces)	15
Total Capacity (Wh)	172

LED-LIGHTING

Total LED Power (W)	16
Light Color (K)	4000-5000
Light Power (Lm)	2400
Total Number of LEDs (Pieces)	8
Dimensions (WxDxH) (mm/piece)	250x18x8

PHYSICAL PROPERTLES



*The data above was obtained under Standard Test Conditions (STC): 1000 W/m² solar irradiance, 1.5 (AM) air mass, and 25°C cell temperature. The measurement uncertainty is ±3% for all panels. Actual data will be subject to the contracts made. The technical values in this document are for informational purposes only and are not part of the contracts. The technical specifications in this document may vary. For detailed information, please refer to the Installation Manual.

*CW Energy reserves the right to change product specifications without prior notice.

*The data and technical specifications provided in this document are for pre-information purposes only and may vary depending on the usage, system design, and environmental conditions.