

## DATA SHEET

# Ederra

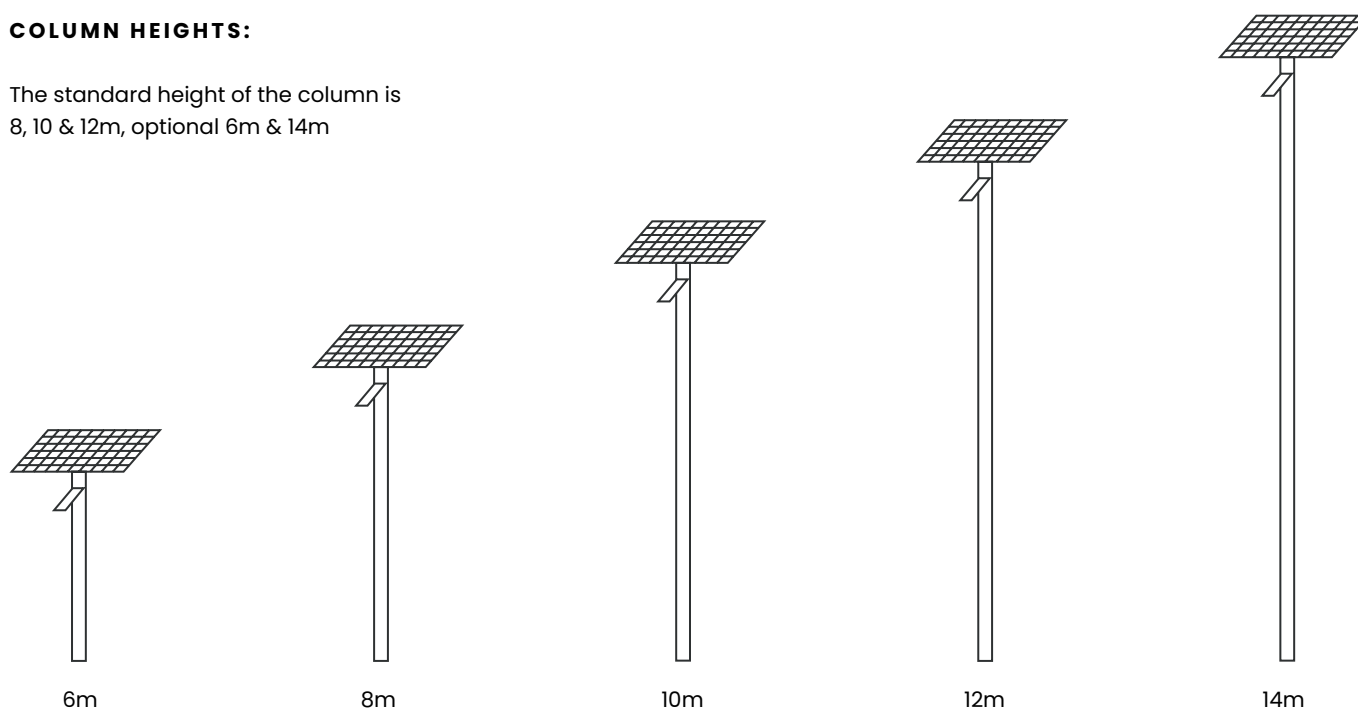
Ederra flat panel solution is designed for the classic solar street light solutions but adding significant installation, user and life advantages.

## FEATURES

- Decorative illuminated elements with various colors
- Customizable solar columns
- Range 8 - 12m
- PV power from 290-600Wp
- Adjustable panel angle to the sun
- Battery solutions
- Up to 600W charging with 98% system efficiency
- Up to 240W output and dimming options
- Cloud base monitoring & control

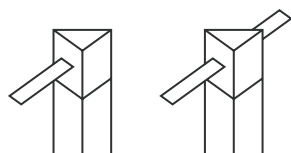
**COLUMN HEIGHTS:**

The standard height of the column is 8, 10 & 12m, optional 6m & 14m



**LAMP ARMS:**

Option of one or two lamp arms in the desired lengths, customized to your project needs.



**BATTERY:**

The management system is prepared for an external battery chamber with the following BMS options:

- AGM
- Lead-Crystal
- LiFePO4
- Lithium-Titanate-oxide battery

**BATTERY CHAMBER**

The solution has an in-ground/In-Foundation battery chamber providing easy service and IP68 protection.

**OPTIONS**

- Flag holders
- Deco solutions
- Billboard access

**LIGHT SOLUTION**

We offer a range of solar driven street light solutions from 2.000-28.000 lumens output, as well as an open-end solution for other luminaire manufactures for 12/14V powered solutions.

**INTEGRABLE SMART CITY FEATURES**



**Flag holders**



**Deco solutions**



**Traffic control  
Billboard access**



**Pedestrian  
crossing**

# Empowering energy solutions for street lighting and infrastructure

Sunio is a prominent importer of renewable energy solutions and has a rich history of pioneering sustainable practices and contributing to the clean energy transition in the United Arab Emirates. Founded in 2023 we embarked on a mission to introduce cutting-edge renewable technologies to the UAE market, promoting environmental consciousness and energy independence.

We recognized the growing need for sustainable energy alternatives in the UAE, considering the region's abundant natural resources and the global shift towards clean energy.

We are dedicated to sourcing and importing the latest renewable energy solutions from around the world. Working closely with renowned manufacturers and industry experts, we have curated a diverse portfolio of high-quality products, including solar street light solutions, solar panels, energy storage systems, and other sustainable technologies.

Through strategic partnerships and collaborations, we play a pivotal role in introducing and popularizing renewable energy solutions across the UAE. We actively engage with government entities, private enterprises, and individuals, raising awareness about the benefits of clean energy and facilitating its adoption on a large scale.

Driven by a vision of sustainability and a passion for environmental stewardship, we have actively contributed to the UAE's ambitious clean energy targets. By importing and providing access to advanced renewable technologies, we have helped the UAE reduce its carbon footprint, diversify its energy mix, and foster a more sustainable and resilient economy.

As a trusted importer of renewable energy solutions, we continue to empower individuals, businesses, and organizations to embrace clean energy alternatives, reduce their environmental impact, and contribute to a greener future for the UAE.