

SOLARIS SLC



ENERGY-EFFICIENT



SUSTAINABLE



COST EFFECTIVE

outdoor lighting solution for remote or
off-grid communities.





Solar power is a renewable energy source that offers a clean and sustainable **alternative to fossil fuels**, reducing greenhouse gas emissions and combating climate change.

Significantly contributing to global decarbonization efforts with the ability to meet **20% of global electricity demand** by 2030 and reduce carbon emissions by 1.6 billion tons annually, solar power is gaining popularity as a key solution for achieving a zero-carbon future.

The declining prices of solar panels and advancements in technology have made solar energy more affordable and accessible, making it the most affordable electricity source in numerous regions worldwide. This affordability not only provides **long-term cost savings** for consumers and businesses but also promotes **energy independence**. Moreover, in areas with limited access to reliable electricity grids, solar power can serve as a vital solution.



of global
renewable
energy



savings on
electricity
bills



or more of household
electricity needs can
be met by residential
solar panels



DAVISOLAR STREET LIGHT

A revolutionary approach to outdoor lighting that reduces energy consumption, enhances public safety with reliable lighting, and improves environmental sustainability.



KEY DIFFERENCES

TRADITIONAL SOLAR STREET LIGHT	SOLARIS SLC
Complicated structure ❌	Simple all-in-one design ✅
High installation cost ❌	Easy & fast installation ✅
High shipping cost ❌	Low shipping cost ✅

KEY FEATURES

- High luminaire efficacy of 180-200 lm/w
- Large LiFEPO4 battery and intelligent operation mode provide Solaris with reliable 3-4 day performance
- Monocrystalline solar panels have the highest efficiency rating, typically 15-22%
- Programmable timer dimming and PIR sensor options
- CCT options between 3000K and 5000K for optimal lighting customization

KEY BENEFITS

- Reduces reliance on non-renewable energy and minimizes emissions for a cleaner environment
- Enhances safety by illuminating roads and improving nighttime visibility for drivers and pedestrians
- Cost-effective with minimal maintenance and reduced energy costs, leading to significant savings

“Paving the way for a more sustainable and responsible future”



Enlighten . Empower . Enable



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