

Fuzion FTP-300



Overview

The Fuzion FTP-300 is a robust, pole-mounted, solar-charged power solution designed specifically for off-grid network deployments. Its compact form factor is tailored for challenging environments, where reliable 24/48V DC power is crucial. The unit is particularly suitable for outdoor standalone Wi-Fi hotspots and fixed wireless access CPEs, offering a sustainable and independent power source in areas where grid power is unreliable or unavailable.

Key Features

Solar-Powered Sustainability:

The FTP-300 operates on renewable solar energy, significantly reducing dependence on fossil fuels and grid power. This aligns with Sustainable Development Goal 7 by saving approximately 175 kg of CO2 emissions annually, making it an eco-friendly solution for remote communication infrastructure.

Power over Ethernet (PoE):

The FTP-300 can deliver power directly through a standard Ethernet RJ45 port, simplifying installation and reducing the need for separate power supplies. The unit features two data ports that can be individually PoE-enabled, offering either 24V or 48V output. This makes it ideal for powering devices like wireless access points, surveillance cameras, and other remote systems.

Long-Lasting Battery Backup:

With a 300Wh high-capacity Li-ion battery, the FTP-300 ensures uninterrupted operation even during periods of minimal sunlight or adverse weather conditions. This battery backup is crucial for maintaining consistent network performance in remote and challenging environments.

Applications

The Fuzion FTP-300 is designed for remote rural areas, making it an excellent choice for “deploy and forget” installations. Its durable construction and sustainable power source make it ideal for outdoor standalone Wi-Fi hotspots, fixed wireless access points, and other remote communication applications that require reliable power without the dependency on domestic power supplies.

Conclusion

The Fuzion FTP-300 is a highly reliable and eco-friendly solution for powering remote network deployments. Its solar-charged, PoE-enabled design and long-lasting battery backup make it a versatile choice for a wide range of applications in harsh environments. The FTP-300's focus on sustainability and reducing carbon emissions further enhances its appeal as a modern, environmentally conscious power solution.