

TITAN-24V



The Titan-24 outdoor uninterruptible power supply expands on the industry proven line of battery backup systems from ESPI. The TITAN Outdoor UPS is known for its exceptional efficiency and proven smart battery charging system that has helped many telecommunications companies lower OpEx costs across the country. With this superb technology as a foundation, we added a 24 Volt regulated output while maintaining the precise temperature compensated battery charging that our customers have become accustomed to.

The Titan-24 is a perfect solution for Small Cells, Wireless AP, Cell Backhaul NIDS, SCADA and many other 24V technologies. The Titan-24 calibrates voltage to the battery according to ambient temperature fluctuations, charging the battery precisely and accurately and thus extending its life. The Titan-24 also has numerous design features for flexible installation, ease of service, and fewer service calls. Add up the Titan-24 higher performance, longer life, and service optimization, and the result is a perfect solution to your UPS needs.

- The perfect UPS for **Small Cell, Wireless AP, Cell Backhaul**
- UPS for wireless ISP, Telephony, SCADA, and many more applications
- 8 year design life battery
- Advanced Thermo-Amp technology for precise temperature-compensated charging to extend battery life
- Advanced diagnostics algorithm for accurate determination of battery status
- Modular components for easier service, including swappable fuse and electronics
- Industry proven commercial grade UPS
- Field-ready design: allows installation to be up to 115' from AC outlet for flexible installation
- Industry-first alarm wire connector for visual verification of wire terminations. 30% faster to install when compared to conventional screw terminal connectors
- Dry contact alarms provide notification of UPS/Battery status - Compatible with most dry contact alarm systems
- Warranties: 6 years battery (4 full, 2 prorated) – industry-best. 3 years electronics
- Patented design
- **Designed and Manufactured in the USA!**

TITAN-24 Outdoor UPS Specifications



Input	
AC Input Voltage	120Vac
AC Input Frequency	50/60 Hz
Plug Type	2 prong ungrounded
DC Input	13V to 15V
DC Plug Type	2 position screw terminal

Output	
Output Power, Operational	12 watts
Output Voltage	24 volts - regulated
Output Connector	7 position screwless terminal
Typical 24V Runtime	12+ hours with an 8 watt load

Battery	
Type	8Ah lead acid, maintenance-free, leak-proof
Design Lifespan	8 years

Battery Charging Circuit	
Type	Advanced firmware with temperature compensated charging

Thermo-Amp Technology	
Precise charging	Based on ambient temperature providing maximum battery lifespan
Load Testing	Advanced auto-test algorithm
Frequency	45 days

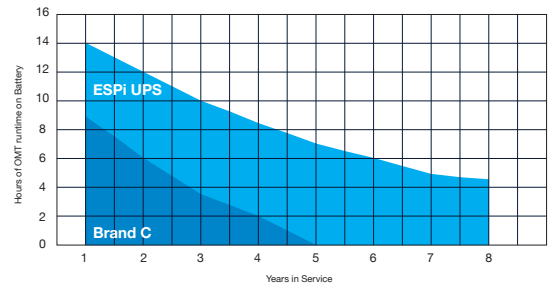
Diagnostics: System LED	
Green	Normal status: commercial power available
Green Flashing	Battery diagnostics in progress
Yellow Flashing	Utility power not present
Red	Replace battery: failed self-test
Red Flashing	Battery missing
All Three Flashing	Short-circuit on output

Physical	
Unit Dimensions	TITAN - 8.5H x 8.5W x 4D (in./approx)
Unit Weight	8 lb.
AC/DC Converter	At AC outlet
Power Cable	16 gauge up to 115 ft long for mounting flexibility
Alarms	Connector allows for visual verification of connected wires
Modular Design	Swappable circuit board, fuse, battery
Mounting Options	Wall or pole mountable

Environment	
Operating Temperature Electronics	-40°C to +65°C (-40°F to + 149°F)
Operating Temperature Battery	-40°C to +65°C (-40°F to + 149°F)
Operating Humidity	0% to 95%

Safety Compliance	
System:	Safety: UL60950-1 2nd edition Emissions: FCC 47 CFR Part 15 Class B

Warranties	
Electronics	3 Years
Battery	6 Years - 4 years full + 2 prorated



**Bold indicates industry-best*