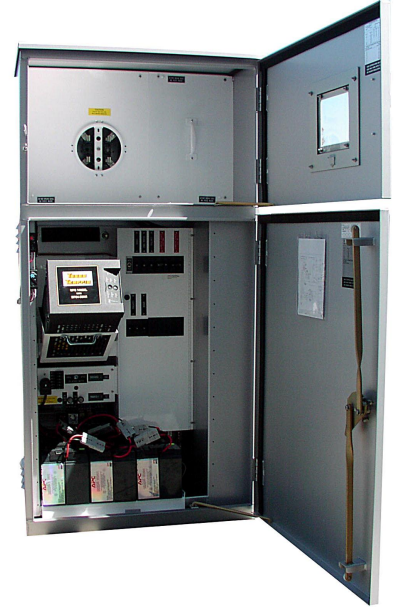




TESCO Traffic 24-200 BBS

Self contained, metered distribution and battery backup system

SPECIFICALLY DESIGNED FOR TRAFFIC SIGNAL CONTROLLERS



UPS Panel Features:

- Padmounted enclosures
- Metered or unmetered applications
- Polydulle non-reflective stainless steel weather proof enclosure. Also available in Anodized Aluminum and Hot Dipped Galvanized Steel
- Compact design with ambient enclosure compensation
- Vandal resistant construction
- No exposed nuts, bolts, screws, rivets or fasteners on exterior of enclosure
- UPS Tilt-out housing for ease of maintenance
- Seismically rated framed battery tray
- Safety deadfront panel
- Components wired and conforming to NEMA, NEC and UL standards
- UL 508 industrial control panel design

UPS System Features:

- 1400VA, 950 watts, Industry Standard run time 3 hours - all LED inter-section (Additional backup times available)
- Typical inter-section (700 watts) run time 2 hours, with 6-8 hours of selected flash
- Fast 6 hour recharge time to 95% capacity
- No tools, inverter I/O contact connections,
- Simple slide-in installation, weights 28 lbs
- Full power bypass and isolation switches
- True pure sine wave
- Transient voltage protection
- Smart Power Analyzer with triple redundant bypass:
 - Conditioned power
 - Power Conflict Monitor with isolation and transfer module
 - Watchdog timer with redundant 5 ms delay and hard transfer to utility power
- Smart slot communications I/O module
- RS 232 and USB ports for local or remote monitoring

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Phone: 916-395-8800
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TESCO Traffic 24-200 BBS

Self contained, metered distribution and battery backup system

(Continued from page 1)

- Optional event data logger
- Intelligent battery management system with microprocessor controlled smart battery charger, automatic self test, cell guard for longer life and faster recharge times
- 24V 18AH batteries AGMNRLA (absorbed glass mat/valve regulated lead acid), compact, lightweight only 25 lbs.
- Quick swap hot battery replacement system
- Heavy duty smart safety battery connection system, 30A silver plated plugs
- Manufacturers 2 year warranty
- Gen Set

Specifications

Cabinet Construction

- Cabinet is all welded construction, fabricated from polydulle stainless steel. Rated weatherproof NEMA 3R Also available in Anodized Aluminum and Hot Dipped Galvanized Steel, powder coated
- All fasteners, latches, hinges, and hardware are stainless steel
- There are no exposed nuts, bolts, screws, rivets, or other fasteners on the cabinet exterior
- Cabinet doors are fully framed with close tolerance sides for fit with top drip lip and closed cell neoprene flange compressed gaskets
- Continuous hinged, lockable, view through meter window
- UL 508 industrial control panel design
- Vandal proof construction with vandal proof doors and hasps
- Interior tilt bracket for easy maintenance
- Each cabinet is factory wired and tested before shipment
- Ambient temperature enclosure compensated

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TESCO Traffic_24 BBS I400XL

Self contained, metered distribution and battery backup system

I400XL Specification Notes

Number of Slot bays	One
Cabinet Dimensions, weight (H x W x D)(in.)	60" x 30" x 18" (Anodized Aluminum, 350 lbs with batteries)
Replacement Battery Cartridge	RBC 7
Transfer Time (typical)	2 milliseconds, includes detection time
Transfer to Flash	Timed Output True pure sine wave output at 120 Vac +/-5%, -10% after low battery warning, synchronized to utility line.
On-Battery Output Voltage	
Capacity (Volt-Amps, Watts)	1400VA, 950 watts
Surge energy rating, peak current capability	460 J, 6.5kA
Normal, common mode clamping response time	0 ns, <5ns typical, meets UL 1449
Normal mode surge voltage let through (IEEE 587 Cat. A 6kV test)	<0.3% of peak typical
Batteries	Compact, sealed, maintenance-free lead acid with up to 3 year typical lifetime, individually fused.
Online Battery Replacement	Quick swap with smart plug connectors
Recharge time to 95% capacity	6 hours 10,000 ft. max. elevation, 0-95% humidity non-condensing; -37deg C (optional adder) to + 74 deg C
Ambient Operation	
Temperature Tested Electronics	to 170 deg F for 8 hours
Conditioned Power	Computer quality conditioned power
UL Design	Yes
Transient Lightning Protection	160 Joules
Audible noise at 3.3 ft.	<45 dBA
Full Power Bypass & Isolation Module	SPACT and PCM for full triple redundant bypass and isolation
Extended runtime battery pack options	6 batteries standard, additional option up to 16 batteries

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