

Standard UPS Features

- » True online double conversion topology
- » Full power conditioning and voltage regulation
- » 1500 VA / 1050 W capacity
- » Zero transfer time (0 milliseconds)
- » Wide input voltage range without transfer to battery
- » Tight output voltage regulation
- » High efficiency mode
- » Light-weight (high frequency, transformer-less design)
- » Long life components
- » Four-line rotatable LCD display
- » Displays various system and utility data
- » User adjustable settings from front panel (no external PC or computer needed)

Optional UPS Features

- » IP addressable web SNMP/Ethernet communications
- » Gen Set available with Automatic or Manual transfer switch
- » 30 amp or 50 amp generator plug
- » 15ft S/O cord
- » Keyed lock (Corbin or Core #2)
- » 3-pt latch
- » Heater with thermostat
- » Internal light
- » External On-battery light
- » Custom enclosure colors



The **TESCO 22 UPS** is a self-contained, dual conversion, uninterruptable power source designed to provide hours of continuous power through weather outages and other disturbances, providing safety for drivers and law enforcement officials under hazardous conditions. TESCO battery backup systems have become the standard for hundreds of agencies and departments of transportation throughout the United States and Canada.

22 UPS cabinets with robust all-welded construction and stainless steel hardware are built to NEMA and UL 508A standards and wired to conform to NEC and UL standards. The system is appropriate for retrofit projects or new installations, and can be side-mounted to an existing controller cabinet or installed free-standing on a concrete base.

Due to varying municipal and DOT standards, TESCO manufactures UPS systems to meet specific client requirements, including design and architectural aesthetics.

Call us and see for yourself how TESCO Controls can make a difference on your next project.

SPECIFICATIONS

MODEL 22 UPS DUAL CONVERSION BACKUP SYSTEM

UPS System Specifications

Topology	Double conversion, true online
Capacity (Volt-Amps Watts)	1500VA, 1050 watts
Transfer Time	0 milliseconds
Input Voltage Range	Single phase 80V ~144V
Output Waveform	True Sine Wave
Output Voltage	Single phase 120V (+/- 2% Regulation)
DC Bus Voltage	24VDC nominal
Battery Quantity and Type	Tesco external battery Up to 6 pcs, 18Ah, 24VDC AGM or gel cells
Overload Capacity	120% for 30 seconds, 150% for 10 seconds
Input Surge Protection	Per IEEE C62.41
Net Weight	22 lbs
LCD Display	High contrast four (4) Line Interactive LCD panel
Temperature probe	Connector on rear panel including external probe
Communication and Control	Serial: RS-232 and USB ports. Dry contacts: AS-400 relay card (installed) Ethernet: SNMP/Web (optional)
Conformance	Conforms to applicable UL standards



UPS Enclosure Specifications

Durable all-welded construction
Compact design with ambient enclosure compensation
Hot-dipped galvanized steel, aluminum, or stainless steel
No exposed nuts, bolts, screws, rivets, or fasteners on exterior of enclosure
All fasteners, hinges, and hardware are stainless steel
Safety deadfront panel
Seismic-rated framed battery shelf
Cabinet door is fully framed continuous hinge for flush fit with top drip lip and closed cell neoprene flange compressed gaskets
Components wired and conforming to NEMA, NEC, and UL standards
UL 508A industrial control panel design
Vandal-resistant construction and hasp, stress rated to 2,000 lbs



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