



Power Switching

Power Transfer Switch (PTS)
Manual Bypass Assembly

PowerBack™ offers a choice of power switching components - the Power Transfer Switch or the Manual Bypass Assembly. Each allows for maintenance or removal of the UPS without turning off power to the system or intersection.

Power Transfer Switch (PTS)
P/N 722532



Manual Bypass Assembly
P/N 722534 (NEMA)



Manual Bypass Assembly
P/N 722535 (Type 170)



POWER TRANSFER SWITCH (PTS)

- Allows the PowerBack™ UPS to be removed for maintenance or replacement without affecting the input power or turning off the loads.
- Provides for continuous operation of the intersection during routine maintenance or unscheduled UPS service interruption.
- Transfer time of <math><50\text{ms}</math>.
- Input voltage: 100-130 VAC / 40 amps
- Terminal block provided for line power and loads (input and output).
- Dual 5-15R receptacles provide auxillary AC power (required for optional line suppressor or battery heater mats).
- Individual circuit breakers for auxillary output and UPS input power.
- Built-in brackets for wall mounting.
- Convection cooled.

MANUAL BYPASS ASSEMBLY

- Includes all features and functions of the Power Transfer Switch.
- Manual Isolation Bypass Switch allows both UPS and PTS functions to be isolated for complete maintenance or removal without affecting the input power or turning off loads.
- Manual switch transfer time of <math><5\text{ms}</math>.
- Available in 19-inch EIA rack mount configuration for Type 170 cabinets (P/N 722535).
- Available in shelf mount configuration for NEMA cabinets (P/N 722534).

