

HSU 1500 Series Bypass Switch



The HSU series Bypass Switches provide additional security when implementing UPSs into traffic cabinets.

About Bypass Switches

The HSU series Bypass Switches provides the ability to shut down and remove the UPS without shutting off power to the cabinet. In addition, they will automatically provide raw AC power to the cabinet in the event of a fault in the UPS. The HSU-Dual Bypass Switch will provide a connection to a second source, such as a generator or alternate AC source in the event of a prolonged AC outage. The HSU series bypass switch is available in a wall mount and rack mount configuration.

At A Glance

- One button Bypass Control
- LED function display
- Hotswap any UPS
- Anderson Power Pole Connector
- Standard 30amp rating
- HSU Dual is available for alternate AC source
- Backfeed protection circuit

Input

- 120/220/240 VAC

Rating

- 30 Amps

Protection

- 30 Amp Circuit Breaker

Design

- Two stage parallel bypass with failsafe interlock
- Bypass/auto control of the device shall be by a single low voltage control rocker switch

LED Indicators

- HSU 1500 - AC Line available, bypass, UPS on-line, UPS available
- HSU 1500 Dual - AC Line available, bypass UPS, auto, UPS available, generator on-line, bypass generator, auto, and generator available

Rating

- 30 amps continuous @ 120VAC

Interlock

- Back feed circuit rated on 30 amps
- Back feed circuitry is standard to prevent the UPS from back feeding the AC line

Connections

- Separate input and output for Utility, Second Source, and Load

Connectors

- Anderson Power Pole quick connect

Protection

- 30 amp input circuit breaker

Operation

- Manual forced to bypass, or full automatic, Break before make

Failsafe

- Latch to line in 20 ms if any UPS or generator input is removed, disconnected, or has failed

Basic Specifications

- Dimensions
 - Rack Mount - 19" W x 3-1/4" H x 2" D
 - Wall Mount - 4-3/4" W x 9" H x 3" D

