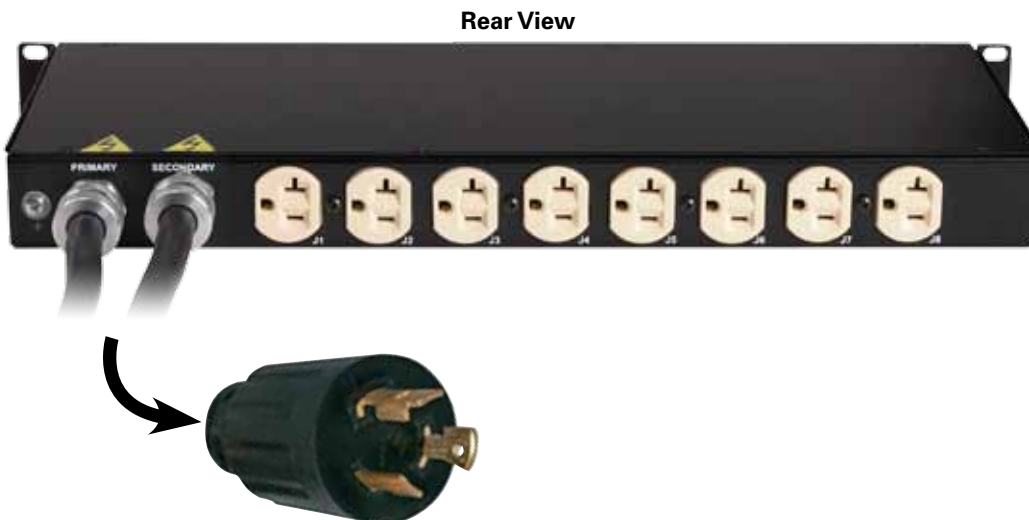


# Eaton Automatic Transfer Switches (eATS)



L5-20P

## Features

- Automatically transfers power from the primary source to a secondary source if there is an issue with the primary
- Clearly labeled circuits simplify load balancing
- Power is transferred back to the primary source when it is automatically restored
- Provides power redundancy to equipment with 1 or 2 power supplies
- Status LEDs indicate Main Power, Primary Available, Secondary Available, Primary Output, and Secondary Output

Eaton eATS units are designed for switching non-phase synchronized AC power sources. The unit's intelligent circuitry monitors both inputs, providing a fast switch transfer from primary to secondary source power critical equipment without interruption. These ePDUs assure the highest level of redundancy to mission critical applications.



Powering Business Worldwide

Part Number	Style Number	Input Plug	Cord (ft.)	Receptacles	Dimensions (W x H x D, in)
PWATSL520004	T2235-A2-NNB09L	(2) L5-20P	9	(8) 5-20R	1.75 x 19 x 7
PWATSL530005	T2235-C2-CNB09L	(2) L5-30P	9	(8) 5-20R	1.75 x 19 x 9
PWATSL530007	T2235-3369	(2) L5-30P	9	(1) L5-30R	1.75 x 19 x 7
PWATSL630006	T2235-F3-CNB09L	(2) L6-30P	9	(12) C13	1.75 x 19 x 9
PWATSL630008	T2235-3358	(2) L6-30P	9	(1) L6-30R	1.75 x 19 x 7
PWATSS515002	T2235-A1-NNB09S	(2) 5-15P	9	(8) 5-15R	1.75 x 19 x 7
PWATSS520003	T2235-A2-NNB09S	(2) 5-20P	9	(8) 5-20R	1.75 x 19 x 7
PWATSSC20001	T2235-AB-NNBC20	(2) C20	N/A	(8) C13, (1) C19	1.75 x 19 x 7

These part numbers represent our TopSelling ATS units. Please visit [www.epdu.com](http://www.epdu.com) for other ATS configurations.

#### Dual Power Input

- Power cables with plugs are attached to unit through the rear panel cable grip
- -AB version has C20 inlets
  - Cables must be ordered separately

#### Overload Circuit Protection

- (Optional) Electromagnetic circuitbreakers with long time delay curve
- Circuit breaker trip guards are provided
- C1, C2, F3, F4 require circuit breakers for branch circuit protection to meet NEC and UL requirements

#### Voltage Range Selection

- The "AB" International (IEC) version allows for all three voltage ranges 120V, 208V, or 240V
- Front panel switch to set the drop out and pull in range to the desired voltages see chart above
- This allows this one version to be specified for worldwide usage

#### Spike/Surge Suppression (TVSS)

- Transient voltage surge suppression prevents damage due to voltage fluctuations
- Metal Oxide Varistors (MOVs) are utilized Line to Line (or neutral)
- Please refer to the table on the right for MOV specifications

#### Auto Transfer Switch

- Firm drop out points allow a transfer before an under-voltage will affect equipment operation
- Transfer ranges (Voltage):

Nominal	Drop Out	Pull In
120V	90V	103V
208V	182V	195V
240V	197V	210V

- Sources do NOT need to be phase synchronized for T2235 part numbers only
- Source transfer time of less than 30ms (clean sine wave to clean sine wave)
- Front panel LED's indicate which sources are available and selected at the output

#### TVSS (Transient Voltage Surge Suppression) MOV SPECIFICATIONS

Continuous AC Voltage	150VAC	270VAC	320VAC
Continuous DC Voltage	200VDC	360VDC	420VDC
Max. DC Leakage	200µA	200µA	200µA
Low Varistor Voltage Limit	212VDC	389VDC	462VDC
High Varistor Voltage Limit	243VDC	453VDC	540VDC
Nominal Varistor Voltage	236VDC	424VDC	503VDC
Current For Varistor Voltage	1mA	1mA	1mA
Max. Clamp Voltage 8x20µs	360V	680V	810V
Max. Clamp Voltage Test Current	100A	100A	100A
Peak Current Rating (1 Pulse)	12000A	10000A	10000A
Peak Current Rating (2 Pulse)	9000A	6500A	6500A
Energy Rating (10x1000µs)	170J	325J	385J
Energy Rating (8x20µs)	170J	325J	385J
Capacitance	1700pF	970pF	820pF
Impulse Response Time	50ns	50ns	50ns



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Germany: 49.0.7841.604.0  
Italy: 39.02.66.04.05.40  
Norway: 47.23.03.65.50  
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Sweden: 46.8.598.940.00  
United Kingdom: 44.1753.608.700

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Printed in USA  
PDU23FXA\_1010  
December 2010



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