

Automatic Transfer Switch 1-Phase 230V / 208V / 110V



**Simpler.
Smarter.
Superior.**



Benefits

Power Redundancy for Single Cabled Devices.

- Most data centers provide power source redundancy to ensure that critical devices have no power downtime issues. For rackmount IT equipment without redundant power supplies, InfraPower ATS offers a simple but reliable solution for automatically sensing power loss and seamlessly switching to a secondary power source.

Auto Switching Relay for Seamless Power Transfer

- InfraPower ATS offers a simple but reliable solution for automatically sensing power loss and seamlessly switching to a secondary power source.
- The power source transfer time is seamless to the connected equipment, making sure that the switching occurs safely between the two input power sources.

Cost Efficient Basic ATS Solution with Local Meter

- Austin Hughes designed the cost-effectiveness InfraPower basic ATS series. It is perfect for the users who are looking for a reliable but affordable basic ATS.
- All InfraPower basic ATS are equipment with a digital meter for real time local current monitoring. The blue LED display is easy-to-read and allows rapid monitoring to the aggregate load on the PDU circuit.

Extensive Configuration Selection & Quick Delivery

- The leading edge ATS solution provides the widest range of configurations with shortest lead-times in the market.
- It offers 110V / 208V / 230V models with input range from 10A to 32A, outlet number from 1 to 24 and variety of outlet types (e.g. NEMA, C13, C19, UK, Schuko, etc). Custom configurations are available upon request.



Meter Accuracy : \pm (3% of the reading + 5 digits) RMS

- 1 3-digit LED meter display for current only
- 2 Power LED - primary input
- 3 Input Preference Switch
- 4 Power LED - secondary input
- 5 Hydraulic MCB

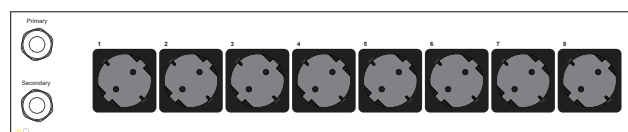
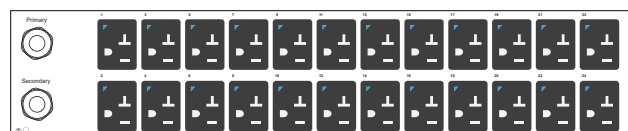
Standard outlet configurations

► 1U ATS Outlet I/O



Custom outlet configuration available on request.

► 2U ATS Outlet I/O



Custom outlet configuration available on request.

Hydraulic MCB Bundled by All ATS Models

We noticed that not all vendors' ATS models equipped with safety devices.

Austin Hughes believes that all ATS should be bundled with Hydraulic MCB to ensure the equipment connected with a safety protection.

Cord Retention Tray Bundled by all ATS Models

All InfraPower ATS are bundled with cord retention tray at the side of outlets.

To facilitate the cabling, simply use the cable ties to fasten each power cord to the cord retention tray.



Specification

Operating Temperature	: -5 to 60 °C
Storage Temperature	: -25 to 65 °C
Operating Altitude	: 0 to 2,000 m
Storage Altitude	: 0 to 15,000 m
Humidity (non-condensing)	: 8 to 95% RH

Nominal input volt.	: 110V / 200-230V
Acceptable input volt.	: \pm 10% nominal
Input frequency	: 50 / 60Hz
Transfer time	: 10 ~ 16 ms
Electrical endurance	: 1×10^5 operations
Power consumption	: Approx. 20W

1U - Single Circuit

Outlet	Volt	2 x 3m cordset	Basic ATS with local current monitoring
NEMA x 8 NEMA x 10 NEMA x 12	110V	(15A) 5-15P (20A) 5-20P (20A) L5-20P	ATS-H8US ATS-H10US ATS-H12US
C13 x 8 C13 x 10 C13 x 12 C13 x 8 + C19 x 2	200-230V	(10A) C14 (16A) 60309 (16A) C20 (20A) L6-20P	ATS-H8C13 ATS-H10C13 ATS-H12C13 ATS-H8C13 / 2C19
UK x 8	230V	(13A) BS1363 (16A) 60309	ATS-H8UK
16A 60309 x 1	230V	(16A) 60309	ATS-H1EN16A
L6-20R x 1	208V	(20A) L6-20P	ATS-H1L620R

** Custom configurations available on request

2U - Single Circuit

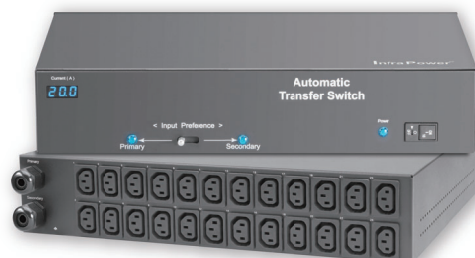
Outlets	Volt	2 x 3m cordset	Basic ATS with local current monitoring
NEMA x 16 NEMA x 20 NEMA x 24	110V	(15A) 5-15P (20A) 5-20P (20A) L5-20P	ATS-H16US ATS-H20US ATS-H24US
C13 x 16 C13 x 20 C13 x 24 C13 x 16 + C19 x 4 C13 x 20 + C19 x 4	200-230V	(10A) C14 (16A) 60309 (16A) C20 (20A) L6-20P	ATS-H16C13 ATS-H20C13 ATS-H24C13 ATS-H16C13 / 4C19 ATS-H20C13 / 4C19
SCH x 8	230V	(16A) 60309 (16A) CEE7	ATS-H8SCH

** Custom configurations available on request

2U - Dual Circuit

Outlets	Volt	2 x 3m cordset	Basic ATS with local current monitoring
NEMA x 16 NEMA x 20 NEMA x 24	110V	(30A) 5-30P (30A) L5-30P	ATS-H16US ATS-H20US ATS-H24US
C13 x 16 C13 x 20 C13 x 24 C13 x 8 + C19 x 2 C13 x 16 + C19 x 4 C13 x 20 + C19 x 4	200-230V	(32A) 60309 (30A) L6-30P	ATS-H16C13 ATS-H20C13 ATS-H24C13 ATS-H8C13 / 2C19 ATS-H16C13 / 4C19 ATS-H20C13 / 4C19
L6-30R x 1	208V	(30A) L6-30P	ATS-H1L630R
16A 60309 x 2	230V	(32A) 60309	ATS-H2EN16A
32A 60309 x 1	230V		ATS-H1EN32A

** Custom configurations available on request



Certificates



■ EMC

FCC : FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7
 CE / EMC : EN55032:2015/A11:2020
 EN IEC 61000-3-2:2019/A1:2021
 EN61000-3-3:2013/A2:2021
 EN55035:2017/A11:2020

■ Environment

RoHS, Reach & WEEE


■ Safety

CE/ LVD : EN 62368-1:2014, EN 62368-1:2014/A11:2017
 CB : IEC 62368-1:2014
 UKCA : BS EN 62368-1:2014+A11: 2017
 UL-US : UL 62368-1, 2nd Ed., Issue Date: 2014-12-01
 UL-CA : CSA C22.2 No. 62368-1-14, 2nd Ed., Issue Date: 2014-12-01



Founded in 1995, Austin Hughes is a design and manufacturing group that offers a broad range of solutions based around 19-inch rack mount technology. These solutions include UltraRack IT server rack, InfraRack smart rack, InfraPower rack PDU & ATS, InfraCool rack cooling systems, InfraGuard rack sensors and peripherals, InfraSolution rack access control and CyberView rack LCD KVM switches. We also offer industrial & commercial IT products, such as UltraView professional displays and Mini IP solutions.

Austin Hughes has ISO14001 and ISO9001 approved design, manufacturing, assembly, and test facilities. We support a worldwide customer base through our global locations.



As a leading global IT manufacturer, Austin Hughes provides TAA-compliant data center solutions, manufactures and assembles products in strategic TAA-certified locations.



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Visit Our Website

Americas

Austin Hughes Solutions Inc.
21375 Cabot Blvd
Hayward, CA 94545
United States

inquiry-americas@austin-hughes.com

EMEA

Austin Hughes Europe Ltd.
Unit 1, Chancery Gate Business Centre
Manor House Avenue
Southampton, SO15 0AE
United Kingdom

inquiry-emea@austin-hughes.com

APAC


Austin Hughes Electronics Ltd.
Unit 3608-12, Cable TV Tower
9 Hoi Shing Road, Tsuen Wan
Hong Kong

inquiry-apac@austin-hughes.com

ASEAN

Austin Hughes Pte. Ltd.
164 Gul Circle
#01-07 JTC Space@Gul
Singapore 629621

inquiry-asean@austin-hughes.com



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