

Intelligent ATS - 230V



- >> Input Switching either by Local Button or Over IP
- >> Remote Monitoring for Amp, Voltage & kWh
- >> Input Range from 10A to 32A
- >> Outlet Nos from 1 to 24



Power Redundancy for Single Corded Devices

Most data centers provide power source redundancy in order to ensure that critical devices have no power downtime issue. Some rackmount IT devices, however, are not designed with power redundancy. For single-corded devices, InfraPower intelligent ATS is a perfect fit to provide power fallback. It includes dual power inlets, for connection to both a primary power source and a redundant, secondary power source.

Auto Switching Relay for Seamless Power Transfer

InfraPower intelligent 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. After switching to a backup power source, it can also switch power back to the primary input after power has been restored.

Input Switching Locally or Remotely Over IP

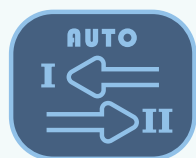
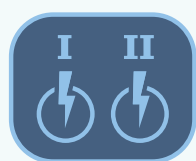
Local power input switching is essential, especially for conducting maintenance in the data center. Alternatively, InfraPower intelligent ATS enables users to switch power input over IP, saving manpower and providing a prompt way to switch power input.

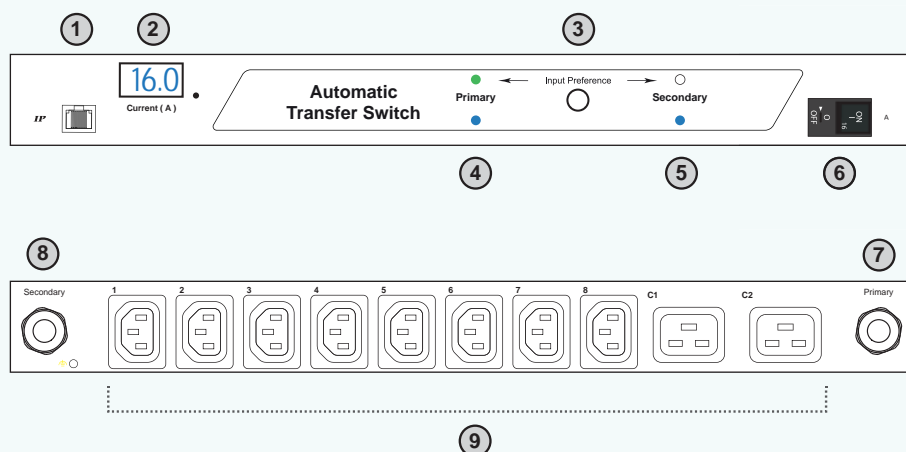
Remote Monitoring Over IP

InfraPower intelligent ATS provides a real time monitoring on Amp, Volt and kWh. Hence, it helps users with capacity planning and improving the overall power efficiency of the data center.

Extensive Selection & Quick Delivery

The leading edge ATS solution provides the widest range of configurations with shortest lead-times in the market : It offers models with input range from 10A to 32A, outlet number from 1 to 24 and variety of outlet types (e.g. C13, C19, C13+C19, UK, Schuko, French, IEC309, etc). Custom configurations are available upon request.





- 1 IP Port
- 2 Local Current Meter
- 3 Input Preference Switch
- 4 Power LED - primary input
- 5 Power LED - secondary input
- 6 Circuit Breaker
- 7 Primary Input attached with 3M cord & inlet plug
- 8 Secondary Input attached with 3M cord & inlet plug
- 9 Outlets

Hardware Specifications

Electrical	
Nominal input voltage	200 ~ 230V
Acceptable input voltage	±10% nominal
Input frequency	50 / 60Hz
Inlet plug & cord	2 x C14 / C20 / EN 60309 / BS1363 / CEE7 plug w/ 3M cord
Outlet connectors	C13 / C13+C19 / C19 / IEC309 / UK / Schuko / FR
Local meter	3-digital LED current meter
Overload protection	1 x 10-amp circuit breaker for C14 inlet 1 x 13-amp circuit breaker for BS1363 inlet 1 x 16-amp circuit breaker for C20 / EN16 60309 / CEE7 inlet 1 x 20-amp circuit breaker for Open-end 2 x 16-amp circuit breaker for EN32 60309 inlet
Transfer time	10 - 16ms typical
Electrical endurance	1 x 10 ⁵ operations

Physical		
1U	Product (W x D x H)	442 x 270 x 43.5 mm
	Packing (W x D x H)	540 x 540 x 150 mm
	Net weight	4.7 kg / 10.3 lb
	Gross weight	5.2 kg / 11.4 lb
2U	Product (W x D x H)	442 x 270 x 87.5 mm
	Packing (W x D x H)	540 x 540 x 150 mm
	Net weight	6.6 kg / 14.5 lb
	Gross weight	7.1 kg / 15.6 lb
Chassis color		Dark
Chassis materials		Steel

Environmental	
Operating temperature	-5 to 60°C degree (23 to 140°F)
Storage temperature	-25 to 65°C degree (13 to 149°F)
Operating humidity	0~95%, non-condensing
Storage humidity	0~95%, non-condensing

Compliance	
EMC	FCC & CE certified
Safety	LVD certified
Environment	RoHS2 & REACH compliant

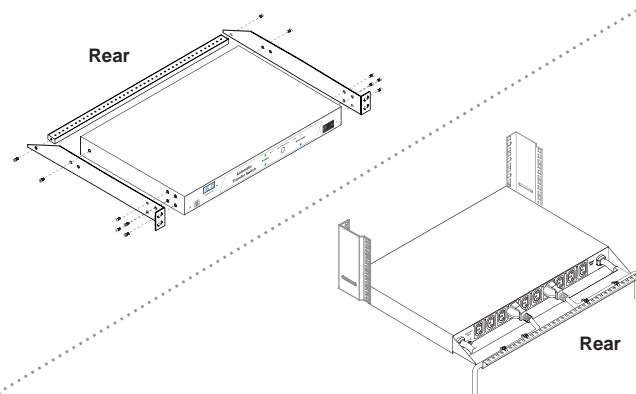
MCB (Circuit Breaker) Bundled



- 10A - 1-pole 10A MCB x 1
- 13A - 1-pole 13A MCB x 1
- 16A - 1-pole 16A MCB x 1
- 20A - 1-pole 20A MCB x 1
- 32A - 1-pole 16A MCB x 2

- Hydraulic magnetic circuit breaker
- Overload switch
- Designed to prevent accidental on / off operation
- Safety Regulatory : UL / cUL / TUV / CE

Mounting Bracket w/ Cord Retention Tray Bundled



Remote Management Over IP

ATS remote management helps reducing manpower and hence improving uptime and productivity. It also benefits users with capacity planning and increasing the overall efficiency of the data center. InfraPower intelligent ATS offers 3 kinds of remote management solutions for users' selection.



Free Download



Built-in



via SNMP



Free Management Software ATS-04

ATS-04 is the free, powerful and user friendly management software provided with intelligent ATS. The Administrator can remotely manage the ATS via the web browser. It provides power input switching, ATS monitoring, alarm and reporting functions. The Windows based software consolidates management of max. 50 ATSs. Up to 5 concurrent user access is bundled in order to achieve the demand of multi-user requirements in data center operations.

Single circuit ATS - Monitoring & Input Switching



Dual circuit ATS - Monitoring & Input Switching



Reporting / Log



Web-based GUI

A web-based GUI is integrated with our intelligent ATS. It is ideal for some users who simply require the power monitoring and input switching over IP.

3rd Party DCIM via SNMP

Nowadays, many data centers apply the DCIM (Data Center Infrastructure Management) in order to centralize the management for monitoring power, cooling and environmental factors across facilities and IT systems. InfraPower intelligent ATS supports SNMP integration and hence user can remotely manage the ATS via their DCIM.

Functions & Features	ATS-04	GUI	SNMP
No. of ATS support	50	1	Remote Management by 3rd Party DCIM
Concurrent users	5	1	
Input switching over IP	✓	✓	
Power source switching notification	✓	✓	
Input sources detection	✓	✓	
Energy consumption (kWh) monitoring	✓	✓	
Apparent power (kVA) monitoring	✓	✓	
Power factor measurement	✓	✓	
Voltage (Volt) monitoring	✓	✓	
Aggregate current (Amp) monitoring	✓	✓	
Circuit breaker monitoring	✓	✓	
Alarm alert	✓	✓	
Reporting & logs	✓	✓	





Single Circuit - 1U	C13	Outlets C19	UK	Amp	Inlet 3M cord attached
AHH0000810004436111T	8			10A	C14
AHH0000810002431111T	8			16A	EN60309
AHH0000810002432111T	8			16A	C20
AHH0001010004436111T	10			10A	C14
AHH0001010002431111T	10			16A	EN60309
AHH0001010002432111T	10			16A	C20
AHH0001210004436111T	12			10A	C14
AHH0001210002431111T	12			16A	EN60309
AHH0001210002432111T	12			16A	C20
AHH0000810122431111T	8	1		16A	EN60309
AHH0000810122432111T	8	1		16A	C20
AHH000081022431111T	8	2		16A	EN60309
AHH000081022432111T	8	2		16A	C20
AHH000000622431111T		6		16A	EN60309
AHH000000622432111T		6		16A	C20
AHH065000004436111T			6	10A	C14
AHH065000001433111T			6	13A	BS1363
AHH065000002431111T			6	16A	EN60309
AHH065000002432111T			6	16A	C20

** Customization available on request

Single Circuit - 2U	C13	Outlets C19	SCH	Amp	Inlet 3M cord attached
AHH0001610004436111T	16			10A	C14
AHH0001610002431111T	16			16A	EN60309
AHH0001610002432111T	16			16A	C20
AHH0002010004436111T	20			10A	C14
AHH0002010002431111T	20			16A	EN60309
AHH0002010002432111T	20			16A	C20
AHH0002410004436111T	24			10A	C14
AHH0002410002431111T	24			16A	EN60309
AHH0002410002432111T	24			16A	C20
AHH000161022431111T	16	2		16A	EN60309
AHH000161022432111T	16	2		16A	C20
AHH0001610422431111T	16	4		16A	EN60309
AHH0001610422432111T	16	4		16A	C20
AHH000000822431111T		8		16A	EN60309
AHH000000822432111T		8		16A	C20
AHH0000001022431111T		10		16A	EN60309
AHH0000001022432111T		10		16A	C20
AHH000000122431111T		12		16A	EN60309
AHH000000122432111T		12		16A	C20
AHH086000004436111T			8	10A	C14
AHH086000002431111T			8	16A	EN60309
AHH086000002432111T			8	16A	C20
AHH086000002434111T			8	16A	Schuko

Dual Circuit - 2U	C13	Outlets C19	Amp	Inlet 3M cord attached
AHH0001610003431111T	16		32A	EN60309
AHH0002010003431111T	20		32A	EN60309
AHH0002410003431111T	24		32A	EN60309
AHH0001610223431111T	16	2	32A	EN60309
AHH0001610423431111T	16	4	32A	EN60309
AHH000000823431111T		8	32A	EN60309
AHH0000001023431111T		10	32A	EN60309
AHH0000001223431111T		12	32A	EN60309

Austin Hughes has an extensive distribution network, including EMEA, the Americas & APAC.

Contact your nearest sales office for details of local representation.

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