



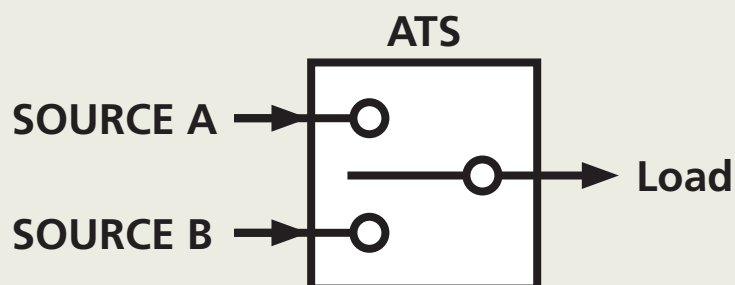
AdPoS
Advanced Power Systems

ATS

Automatic Transfer Switch



The ATS (Automatic Transfer Switch) features two independent power supply circuits supplying power to the load (as shown in Figure 1 below). In the event of a power failure in the main circuit, the ATS automatically switches to the other circuit to supply power to the load. The ATS automatically switches back to the main circuit after power is restored. In addition, the ATS also provides user configurable power states (voltage or frequency) for the ATS switching condition.



ATS Automatic Transfer Switch

Input	
Input voltage	220/230/240 (+/-5%/10%/15%/20%)
Input voltage range	180Vac~280Vac
Input frequency	50/60Hz(+/- 5%/10%/15%/20%)
Input current	16A
Output	
Output voltage	200/208/220/230/240
Output current	16A
Connection	
Input	IEC-C20 inlets x2
Output	IEC-C13 x 8, IEC-C19 x 1
Protection	Input Breaker(option) Electronic circuit
Communication	RS-232, USB, Dry contact external slot for option card(SNMP, RS-485)
Transfer time(ms)	8~12ms (Typical)
Efficiency	99%(with full linear load)
Display	LCD+LED
Physical	
Dimension, DxWxH (mm)	275x440x44
Net Weight (kg)	4
Environment	
Operating temperature	-5~40 C @ 20~90% RH (non-condensing)
Standards compliance - Safety	UL 60950-1/ CAN/CSA C22.2 No. 60950-1 / IEC 60950-1, CE
Standards compliance - EMC	FCC Part 15 / EN62310-2

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|--|---------------------------------|
| 1. Alarm Silence | 7. Source B status LED |
| 2. Information select(input A, B/output) | 8. Source A status LED |
| 3. Information select(I, V, F, Load etc.,) | 9. USB communication port |
| 4. Source selector | 10. RS-232 communication port |
| 5. LCD panel | 11. Contact communication port |
| 6. Fault LED | 12. External communication slot |

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