PowerShield®

Automatic Transfer Switch

The PowerShield Automatic Transfer Switch (ATS) is designed with two independent power inlets to supply power to the load from a primary or secondary power source. Should the primary power source fail, the secondary will automatically supply power to the connected equipment. The transfer time from one power source to the other is seamless to the connected equipment. After switching to a secondary power source, the ATS can also switch power back to the primary input when power to the primary input is restored.

The PowerShield ATS is designed to provide redundancy using a "break before make" technology. This means that in the event of a fault on one of the power sources, the fault will not be able to affect the alternative power source. This switch ensures that power is transferred from one source or the other, never an overlap that may affect reliability. This PowerShield ATS has been designed as a failsafe device.

features

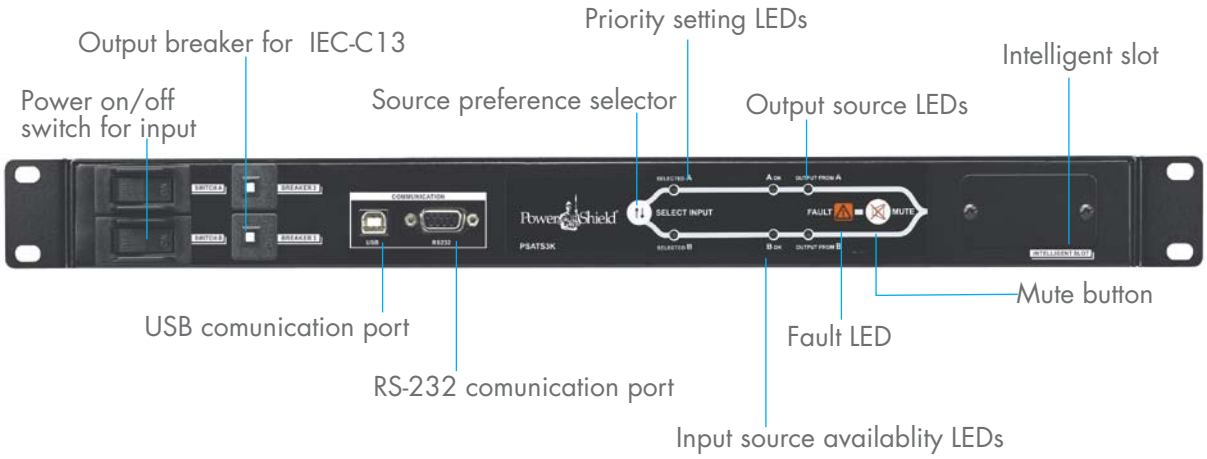
- Critical load (server) has reliability of two independent power sources
- Ideal for ensuring reliable power to critical devices that have only a single power supply
- User selectable power source from front panel
- Can be used as a MBS
- Dual power supply for redundancy
- Failsafe design
- Highly reliable 19" (1RU) rack design to fit into diverse working environment
- Built-in USB and RS232
- AS400 dry contacts included
- SNMP remote monitoring option available
- Two year warranty

THE AUSTRALIAN UPS COMPANY

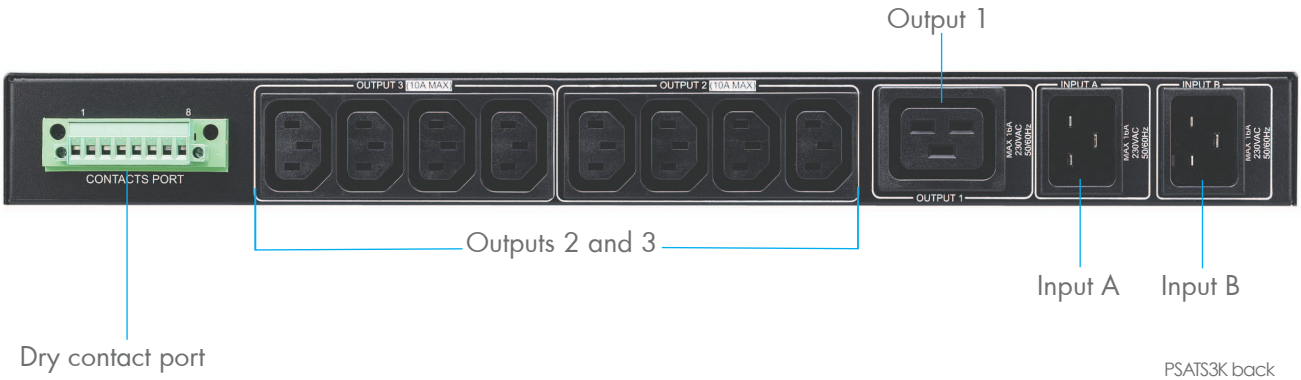
Automatic Transfer Switch	PSATS3K
INPUT	
Input Voltage Range (user selectable)	180-258Vac (Default setting)
Input Frequency	50Hz/60Hz (Autosensing)
Maximum Input Current	16Amp
AC Input Connection	2 x 16Amp IEC-C20 inlets
Transfer time	9ms (typical)
OUTPUT	
Output Voltage	Follows Input Voltage Range
Maximum Output Current	10Amp for IEC-C13 outlets 16Amp for IEC-C19 outlet
AC Output Connection	8 x 10Amp IEC-C13 outlets 1 x 16Amp IEC-C19 outlet
COMMUNICATIONS	
Communication Included	USB, RS232 and AS400
Communication Optional	SNMP card
PHYSICAL	
Dimensions (D x W x H)	(330 x 483 x 44) mm
Net Weight	5kgs

* Product specifications are subject to change without further notice

System Configuration



PSATS3K front



PSATS3K back