



# Powercity

" 30 Years of Generator Experience "

**Automatic Transfer Switch**

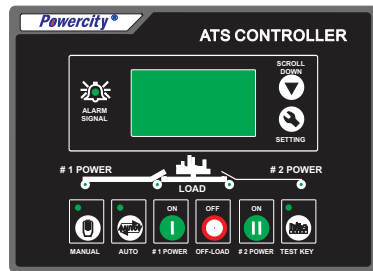
**MODEL : PTS-4000AD**

**4000A**

ATS FEATURES

## CONTROL SYSTEM

- Measure two source multi-parameters:
  - AC Line-Line voltage of #1
  - AC Line-Nature voltage of #1
  - AC Frequency of #1
  - AC Line-Line voltage of #2
  - AC Line-Nature voltage of #2
  - AC Frequency of #2
  - Load Line Current
  - Load Active power (kW) of #1, 2
  - Load apparent power (kVA) of #1, 2
  - Power Factor
  - Over Voltage
  - Under Voltage
  - Over Frequency
  - Under Frequency
  - Miss Phase
  - Over Current
- Compatible to multi-type of automatic transfer switches, no OFF position(two segments kind), such as SOCOMEC VS switch; one OFF position(three segments kind), such as SOCOMEC VE switch. two OFF position, such as the ATS composed of two circuit breakers or two contacts;
- Compatible to automatic switching of two utility source, two generating power or between one utility source and one generating power;
- Microprocessor based design, LED display, tactile key operation;
- Also may suit to two source single phase AC voltage system or two source 3-phase 3 wires AC voltage system by simply settings (note: 3-phase 3 wires system will be offered specially);
- Configurable priority of supply able to set I# supply priority or II# supply priority or NONE supply priority;
- Function of start generator;
- Function of auto transfer when one switch closing failures and another works well;
- Auto/Manual button available, mandatory opening or closing switch in manual mode;
- Password to prevent the miss operation of non-professionals;
- Function of re-closing to prevent instantaneous power off aiming at switch which opening as voltage being low;
- Pulse output closing and Opening signal (up to 10 seconds), output auto shutoff after switching is done;
- Transfer rest delay time is programmable;
- Parameters can be set in site or in monitor center and can not lose even power off;
- Easy to replace with a plug-in type socket at the back of the control module.



HAT-600

## ENCLOSURE

- Weatherproof enclosure & canopy.
- Fabricated with the state of art CNC machine.
- Extraordinary Modularized ATS design.
- All metal parts are factory rustproof using special powder paint coating.
- Superior serviceability & Simple maintenance.
- Access door for control operation and maintenance.
- Metal enclosure with lock system NEMA 3R
- With electrical diagram sticker for the technician reference.
- Fusible protection for critical fault.
- Provision grounding terminal.
- Provision remote terminal, for the remote access.
- Delixi brand Air Circuit breaker type transfer switch
- Manual transfer switch capability.
- Built-in automatic battery charger.
- With Normal / Commercial power and Emergency / Genset indicator light.
- Design for easy installation.

## SPECIFICATIONS

MODEL	PTS-4000AD	
Rated Ampere	4000A	
Phase	3Ø	
Rated Voltage	200~240V	380~480V
Rated Frequency	50Hz / 60Hz	
Transfer Switch	Delixi Air Circuit Breaker Type	
No. of Poles	3P	4P
Enclosure	NEMA 3R	
Dimensions (cm)	2500(L) x 1800(W) x 2150(H)	
Dry Weight	2000Kg	

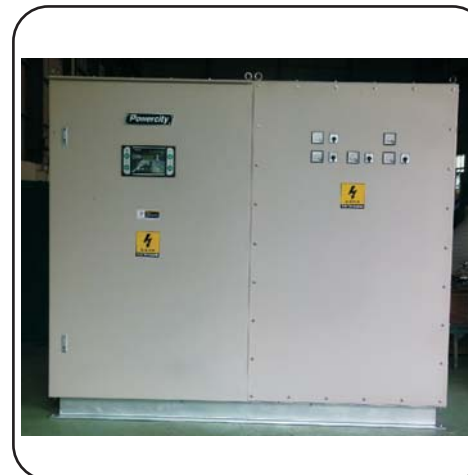
(Specifications are subject to change without prior notice.)



Capacity: 4000 Ampere



**MODEL : PTS-4000AD**



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