

Powercity

"30 Years of Generator Experience"

**Automatic Transfer Switch w/
Synchronizing panel**

MODEL : PTS-4000S-SYN-4P

A.T.S.W/ SYNCHRONIZING PANEL FEATURES



4000A

ENCLOSURE

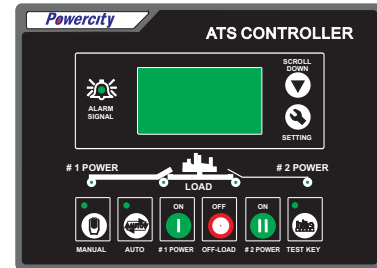
- Weatherproof enclosure & canopy.
- Fabricated with the state of art CNC machine.
- All metal parts are factory rustproof using special powder paint coating.
- Superior serviceability & Simple maintenance.
- Access door for control operation and maintenance.
- Metal enclosure with lock system NEMA 1
- With electrical diagram sticker for the technician reference.
- Provision grounding terminal.
- Built-in automatic battery charger.
- Design for easy installation.

CIRCUIT BREAKER

- Schneider MT SG High Quality Circuit Breaker w/ mechanical interlock
- Intelligent Control unit for protection measurement and assistant function
- Variable horizontal and vertical terminal for easy connection



Schneider Air Circuit Breaker



HIAT-600

ATS CONTROL SYSTEM

- Measure two source multi-parameters:

AC Line-Line voltage of #1	Load Line Current
AC Line-Nature voltage of #1	Load Active power (kW) of #1, 2
AC Frequency of #1	Load apparent power (kVA) of #1, 2
AC Line-Line voltage of #2	Power Factor/ Miss Phase
AC Line-Nature voltage of #2	Over Voltage/Frequency/CURRENT
AC Frequency of #2	Under Voltage/Frequency
- Microprocessor based design, LED display, tactile key operation; Password to prevent the miss operation
- Configurable priority of supply able to set I# supply priority or II# supply priority or NONE supply priority;
- Function of auto transfer when one switch closing failures and another works well; Function of start generator;
- Auto/Manual button available, mandatory opening or closing switch in manual mode; Transfer rest delay time settable;
- 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;
- 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.

HMU8N PARALLEL REMOTE CONTROL SYSTEM

Remote monitoring of single/multiple gensets, which can realize remote start/stop, auto/manual mode switch, close/open operation and data measurement, alarms display functions. It fits with 8-inch capacitive touch screen, realizing multi-level operation authorities with simple and reliable operation.



**Powercity HMU8N
Parallel Control Remote Monitor**

SPECIFICATIONS

MODEL	PTS-4000S-SYN-4P
Parallel Remote Monitor	Powercity HMU8N
Parallel Units Quantity	3
Main Busbar Material	Tin-Plated Copper
Main Busbar Rated Ampere	4000A
Phase	3Ø
Rated Voltage	400V
Rated Frequency	50Hz / 60Hz
Circuit Breaker Brand	Schneider
Circuit Breaker Type	Air Circuit Breaker draw out type- MT SG series
Transfer Switch	2x4000A w/ mechanical interlock
No. of Poles	4P
Enclosure	NEMA 1
Dimensions (mm)	1450(L) x 1650(W) x 1950(H)
Dry Weight	1000Kg

(Specifications are subject to change without prior notice.)



MODEL : PTS-4000S-SYN-4P



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