

# Powercity

“ 30 Years of Generator Experience “

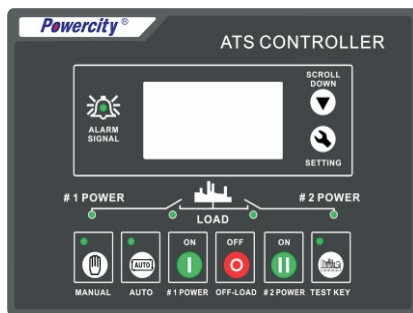
**Automatic Transfer Switch  
for Indoor & Outdoor**

**MODEL : PTS-250A-S**

## ATS FEATURES



**250Amp.**



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.
- Fiber Glass control panel viewing window.
- 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.
- ABB CB class transfer switch.
- Manual transfer switch capability.
- Built-in automatic battery charger.
- With Normal / Commercial power and Emergency / Genset indicator light.
- Design for easy installation.

### CONTROL SYSTEM

- System type can set for: Mains (1#) & Gens (2#), Gens (1#) & Mains (2#), Gens (1#) & Gens (2#).
- The LCD 128x64, take backlit, two languages (simplified Chinese and English) display, for simple operation.
- Measure and shows 2-way 3 phase voltage and frequency parameters.
- With over voltage, under voltage, loss of phase, reverse phase sequence, over & under frequency functions.
- With the auto/manual operation mode. In manual mode, may enforce switch to close or open.
- All parameters can be set in the field.
- Can be set as on-load/off-load mode in the field for start genset.
- Can make switch to re-close when switch is opened accidentally or make switch to power off then re-close.
- Can start or stop genset automatic on scheduler. Also be set as single time operation, monthly or weekly, and whether with load or not.
- Can control two gensets to work in cycle, even the genset running time and interval rest time can be set.
- Widely range of DC power supply. Max.80V DC input can be endured in an instant, or be supplied via HWS560 module (input AC 85V~560V, output DC 12V).
- Bigger space between connecting terminals of AC input. Max.625V input voltage.
- With standard insulated RS485 communication interface port. With "remote controlling, remote measuring, remote communication" function by the ModBus communication protocol.
- Can check the status of controller (including of switch auxiliary output, over-voltage, and under-voltage etc.).
- Suitable for various AC systems (3-phase 4-wires, 3-phase 3-wires, single-phase 2-wires, and 2-phase 3-wire).

## SPECIFICATIONS

MODEL		<b>PTS-250A-S</b>	
Rated Ampere		250A	
Phase		1Ø	3Ø
Rated Voltage		200~240V	380~440V
Rated Frequency		50Hz / 60Hz	
Transfer Switch		ABB MCCB w/ interlocked transfer motor	
Surge protector	Model	V100E/320-S	
	Max. continuous operating voltage	320VAC/420VDC	
	Nominal discharge current(8/20) In (L-PE)	20kA	
	Max. discharge current(8/20) I <sub>max</sub> (L-PE)	100kA	
No. of Poles		3P or 4P	
Enclosure		NEMA 3	
Dimensions (cm)		60(L) x 25(W) x 80(H)	
Dry Weight		55Kg	

(Specifications are subject to change without prior notice.)



## MODEL : PTS-250A-S

ABB 250A MCCB w/ INTERLOCKED TRANSFER MOTOR



Manufactured by:

Powercity Electromechanical & Equipment Co. Ltd.  
Laicuo Industrial Zone, Xiyuan Side, Jinjiang City  
Fujian, China

Tel. 0086-595-85301789 Fax. 0086-595-85301608

Email: sales@powercity.com.cn

Philippine Distributor:

Powercity Corporation

Km 20 East Service Road, Super-Highway, Muntinlupa City,  
Metro manila, Philippines 1770

Tel: +63(2) 869-1991, 869-7909, 869-7520, 869-9796

Fax: +63(2) 869-9758, 869-3869

Email: sales@powercity.ph

[www.powercity.ph](http://www.powercity.ph) or [www.powercity.com.cn](http://www.powercity.com.cn)