

Automatic Transfer System Specification

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- Automatically transfer between two electrical power sources. (Two city power sources, city power and genset power ,two generator power sources)
- Adopt Smartgen digital automatic transfer control panel.
- Operational way: manual or automatic
- Power supply: One electric power sources used as main power,two sources used as main power ,or none used as main power
- Detects voltage and frequency of two electric power sources
- Detects the inverse phase sequence.
- RS485/232C interface adopts MODBUS communication stipulation to realize the three kinds of remote controls for genset.
- The big LCD screen displays genset's voltage,current,power and power factor of each phase
- Able to control two genset running in cycles
- Applicable for none subsection switch/single subsection switch /double subsections switch.
- Smartgen/Socomec/Delixi/Schneider breaker can be customized
- Wall mounted type or floor standing type are optional
- Wall mounted ATS is applicable for electric current less than 630A
- Floor standing ATS mounted in a standard GGD cabinet which is easy to connect with other power distribution cabinet



Wall Mounted Type ATS

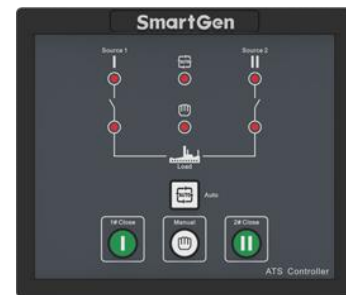


Floor Standing Type ATS

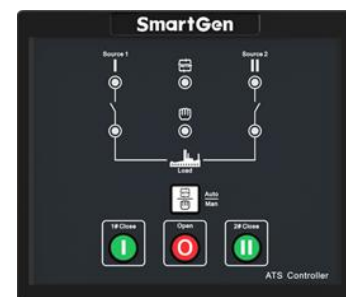
Smartgen Automatic Transfer Controller

HAT 520/530

- Used for two city power sources or city power and genset power
- Operational way: manual or automatic
- Power sources: one prime power, two prime power or both standby power
- Detects the voltage and frequency of two sources power
- Capable to detects over/low voltage, phase lose ,inverse phase sequence,over/low frequency and other faults.
- HAT520 applies for none subsection switch while HAT530 is for single subsection switch.



HAT 520 Controller



HAT 530 Controller

HAT 700

- Used for automatically transferring between two power sources(two sources of city power, city power between genset power, two genset power)
- Operational way: manual or automatic
- Power sources: one prime power, two prime power or both standby power
- Applicable for various AC power sources system.
- RS485/232C interface adopts MODBUS communication stipulation to realize the three kinds of remote controls for genset.
- Capable to detects over/low voltage, phase lose ,inverse phase sequence,over/low frequency and other faults.
- Equipped with backlit LCD screen and supports multiple languages.
- Has capability of accumulating active power,reactive power,switch on numbers and power supplying time for the two sources power.
- Has the function of historical record, which can record 99 data circularly
- Capable to start the genset in a set time
- Able to control two genset running in cycles
- Able to transfer in same time and in same phase sequence
- Applies for none subsection switch, single subsection switch and double subsections switch



HAT 700 Controller

Transfer Switch Types

none subsection switch



Smartgen

single subsection switch



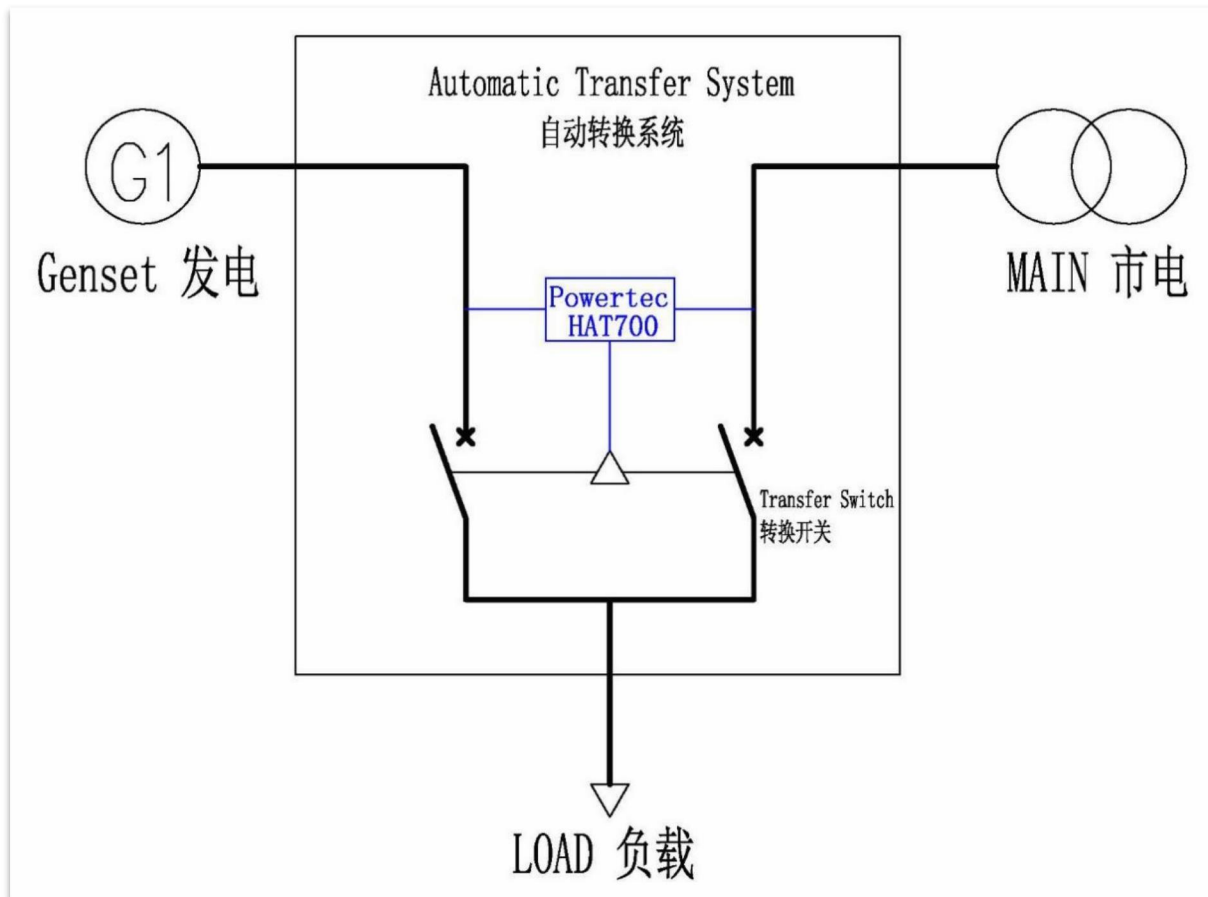
Socomec

double subsection switch



Schneider

Diagram of Automatic Transfer System



Factory

Powertec Generator System Inc.

Add: Yangna Industrial Zone, Danshui, Huiyang, Huizhou, Guangdong, China

Tel: 0752-3 911 119 Fax: 0752-3 911 110

Web: www.powertec.com.cn

Email: leed@powertec.com.cn