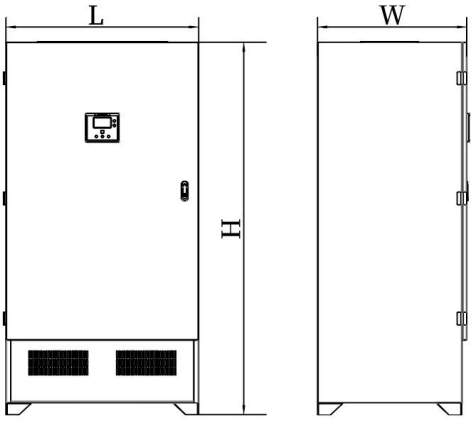
MODEL: LS-ATS-1600A



Parameters		
Rated Thermal Current		1600A
Rated Isolation Voltage		AC 1000V
Rated Impulse Withstand Voltage		12KV
Rated Operating Voltage		≤690V
Rated Operating Current		1600A
Rated Ability to Connect		10Ie
Breaking Capacity of Rated Limit Short-circuit		8Ie
Rated Limit Short-circuit Current		120KA
Short-time With Stand Current		55KA
Conversion Time		1.2S
Control Input Voltage		AC220V
Rated Control Voltage	Start	440W
	Normal	98W



Dimension				
Model	Length (mm)	Width (mm)	Height (mm)	Weight(kg)
LEA1600	800	630	1550	114

Benefits

Enhanced safety

Double-throw contacts with inherent mechanical interlocking to prevent connection of generator and utility sources.

Meet the requirements for primary and secondary power distribution

Excellent electrical performance can meet the technical requirements of primary and secondary power distribution systems. Compared with circuit breaker type ATS, it has a higher anti-shock capability, preventing the main switch from tripping due to a single load short circuit.

Small sized, and light.(20A~100A)

The precise mechanical design has achieved an ultra-thin volume. The volume of the assembled electrical box is only 25% the size of a floor tile (60x60).

Main Configuration

- ATS switch
- ATS communication connector
- Control signal terminals
- Grounding copper bar
- Electrical mounting plate(aluminum zinc coated plate）
- Standard electric cabinet

Working Conditions

- Ambient temperature: -25℃～+45℃
- Altitude: Below 2000m
- Humidity: Less than 50%

ATS Main Performance

- Padlock and on-off position indication, reliably realize the isolation of power supply and load.
- Four operating functions:
  ① Emergency manual operation
  ② Electric remote control operation
  ③ Emergency disconnect operation under automatic control state
  ④ Automatic control operation
- Three working states (I-O-II):
  ① Common closing and standby opening
  ② Common opening, standby closing
  ③ Common and standby power sources are both disconnected

Main Features

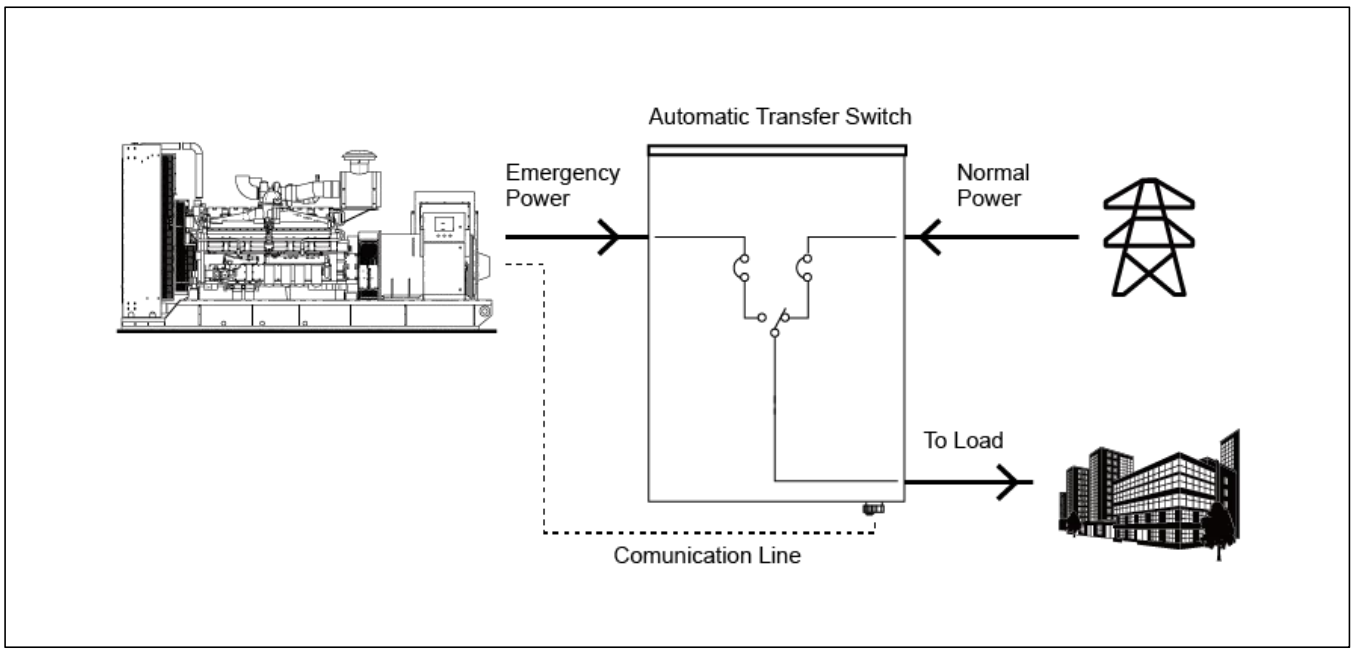
1. Intelligent controller uses IC as the control core.
2. Adopte built-in sampling line.
3. Strong anti-interference ability.
4. Full functions, with overvoltage, undervoltage and open phase switching.
5. Double breakpoint horizontal pull mechanism is adopted, which is safe and reliable in switching on and off.
6. The actuating load disconnecting switch is equipped with mechanical interlock.
7. Normal and standby power sources work reliabley with non inerference.
8. Adopt the zero-position technology, which can be set to zero compulsivly in case of emergency.
9. Protection class: IP4X, outdoor application.

Standard Features

- load transfer switch 4 pole
- 3phase and neutral mains detector with hysteresis
- display and operation functions(Optional)

Design Standard

- IEC60947-1/GB/T 14048-2000 Low-voltage switchgear and controlgear— General rules
- IEC60947-3/GB 14048.3 Low voltage switchgear and controlgear switches, disconnectors, switchdisconnectors and fuse-combination units
- IEC60947-6-1/GB 14048.11 Automatic transfer switchgear equipment



- Note: Standard ATS no controller, for non-standard configurations, please consult the LEES team separately.

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