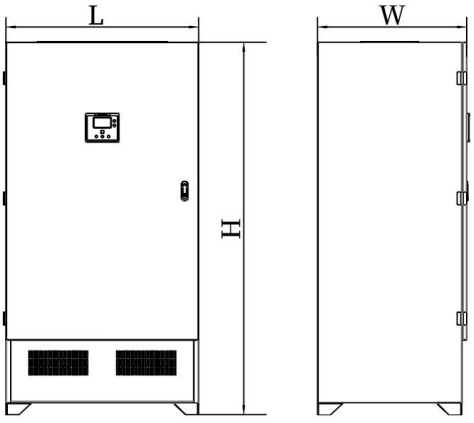
# MODEL: LS-ATS-800A



| Parameters | | |
|---|---|---|
| Rated Thermal Current | | 800A |
| Rated Isolation Voltage | | AC 1000V |
| Rated Impulse Withstand Voltage | | 12KV |
| Rated Operating Voltage | | ≤690V |
| Rated Operating Current | | 800A |
| Rated Ability to Connect | | 10Ie |
| Breaking Capacity of Rated Limit Short-circuit | | 8Ie |
| Rated Limit Short-circuit Current | | 70KA |
| Short-time With Stand Current | | 26KA |
| Conversion Time | | 0.6S |
| Control Input Voltage | | AC220V |
| Rated Control Voltage | Start | 355W |
| | Normal | 74W |




| Dimension | | | | |
|---|---|---|---|---|
| Model | Length (mm) | Width (mm) | Height (mm) | Weight(kg) |
| LEA800 | 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

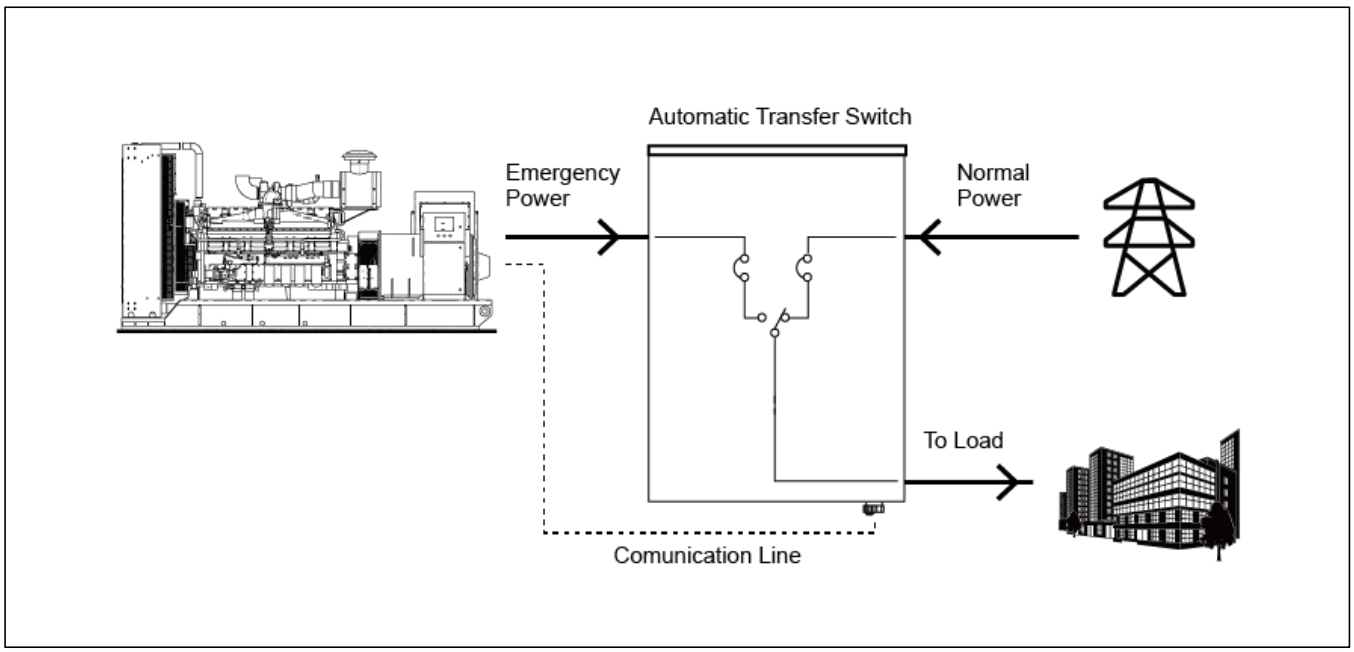
1. Intelligent controller uses IC as the control core.
2. Adopte built-in sampling line.
3. Strong anti-interference ability.
4. Full functions, with overvoltage, undervoltage and open phase switching.
5. Double breakpoint horizontal pull mechanism is adopted, which is safe and reliable in switching 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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