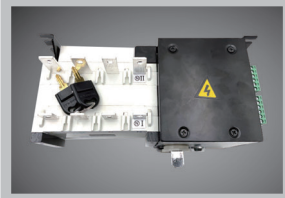


# Automatic Transfer Switch System



## ATS control module

Automatic Transfer Switch Control Module. The module features 8-Bit microprocessor control. The module is used to monitor two 3-phase AC supply. Once I# AC supply failure is detected (under voltage, over voltage, miss phase), The module Automatically transfer the switch to II# AC supply, and control generator to start.



## ATS switcher 40-3200A

YUYE series has been subjected to the class PC intelligent integration design, is provided with 0-position function, has a large separation distance between the contacts, is able to withstand extremely high impulse voltage (8KV and above), has dual-row composite contacts internally, in which the conductive contact area is twice that of the electromagnetic ATS switch and the copper bar, as it is punched into forming at one stroke, is characteristic of such advantages as compact volume, long service life and small arc. YUYE series can be used for single phase load 100-630A and three phases load 100-3200A.

## Three Phase - Box, ATS switch, Control module, 15m cable.

| No. | ATS Model  | ATS Box | Rate Current (A) | 4P ATS Switch Model  | Control Module | Dimension (mm) | Weight (Kg) |
|-----|------------|---------|------------------|----------------------|----------------|----------------|-------------|
| 1   | ATS1-100A  | ATS1    | 100A             | YES1-100GA-100A-4P   | HAT520         | 400×200×550    | 21          |
| 2   | ATS2-160A  | ATS2    | 160A             | YES1-250GA-160A-4P   | HAT520         | 600×320×750    | 50          |
| 3   | ATS2-250A  |         | 250A             | YES1-250GA-160A-4P   | HAT520         | 600×320×750    | 50          |
| 4   | ATS3-400A  | ATS3    | 400A             | YES1-630GA-400A-4P   | HAT520         | 750×480×1500   | 108         |
| 5   | ATS3-630A  |         | 630A             | YES1-630GA-630A-4P   | HAT520         | 750×480×1500   | 108         |
| 6   | ATS4-1000A | ATS4    | 1000A            | YES1-1600GA-1000A-4P | HAT520         | 850×560×1900   | 195         |
| 8   | ATS4-1250A |         | 1250A            | YES1-1600GA-1250A-4P | HAT520         | 850×560×1900   | 195         |
| 9   | ATS4-1600A |         | 1600A            | YES1-1600GA-1600A-4P | HAT520         | 850×560×1900   | 205         |
| 10  | ATS5-2000A | ATS5    | 2000A            | YES1-3200GA-2000A-4P | HAT520         | 1000×850×2100  | 354         |
| 11  | ATS5-2500A |         | 2500A            | YES1-3200GA-2500A-4P | HAT520         | 1000×850×2100  | 356         |
| 12  | ATS5-3200A |         | 3200A            | YES1-3200GA-3200A-4P | HAT520         | 1000×850×2100  | 360         |

## Single Phase - Box, ATS switch, Control module, 15m cable.

| No. | ATS Model  | ATS Box | Rate Current (A) | 3P ATS Switch Model | Control Module | Dimension (mm) | Weight (Kg) |
|-----|------------|---------|------------------|---------------------|----------------|----------------|-------------|
| 1   | ATS1-100Am | ATS1    | 100A             | YES1-100GA-100A-2P  | HAT520         | 400×200×550    | 20          |
| 2   | ATS2-160Am | ATS2    | 160A             | YES1-250GA-160A-2P  | HAT520         | 600×320×750    | 50          |
| 3   | ATS2-250Am |         | 250A             | YES1-250GA-250A-2P  | HAT520         | 600×320×750    | 71          |
| 4   | ATS3-400Am | ATS3    | 400A             | YES1-630GA-400A-2P  | HAT520         | 750×480×1500   | 107         |
| 5   | ATS3-630Am |         | 630A             | YES1-630GA-630A-2P  | HAT520         | 750×480×1500   | 107         |