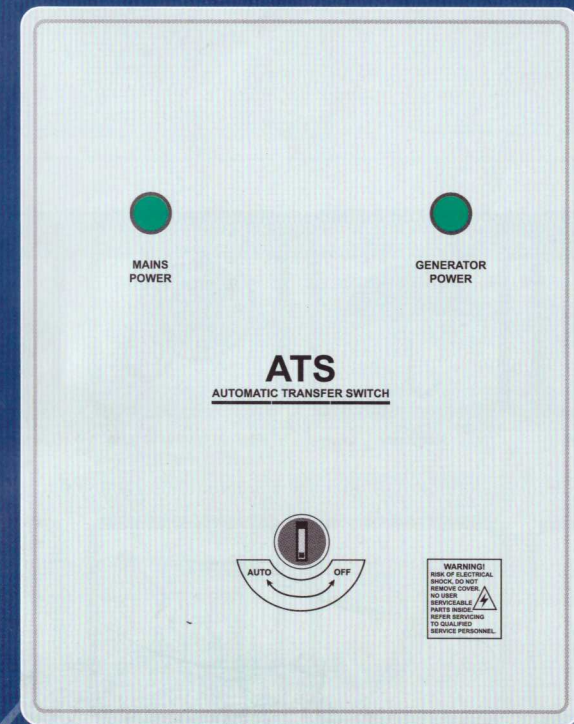


ATS User Manual
Ver. 20211019

Automatic Transfer Switch User Manual

ATS-W-50A-1
ATS-W-25A-3
ATS-W-80A-1
ATS-W-40A-3



Safty warning

Data sheet

Keep away from fire

Keep dry

High humidity is easy to get an electric shock

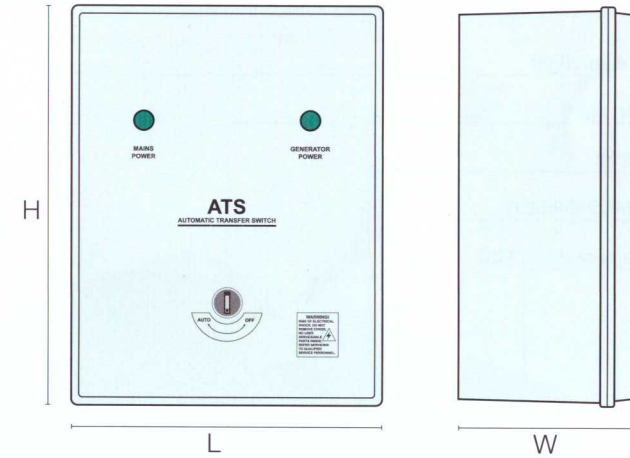
Operated by professionals

Regularly check whether the terminals are fixed

Regularly check cable wear

Cut off the power before operation

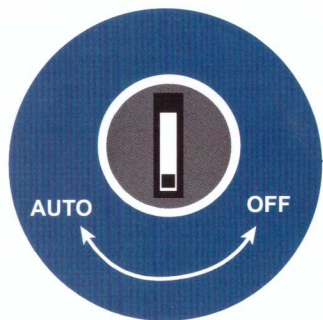
Don't leave the tools inside, it may cause electric shock



Model		ATS-W-50A-1	ATS-W-25A-3	ATS-W-80A-1	ATS-W-40A-3
Frequency	Hz	50 / 60	50 / 60	50 / 60	50 / 60
DC power	V	8-18	8-18	8-18	8-18
Power consumption	W	10	10	10	10
Operating voltage	V	230	400	230	400
Operating current	A	50	25	80	40
Environment temperature	°C	-20 ~ 50	-20 ~ 50	-20 ~ 50	-20 ~ 50
Environment humidity	%	20-90	20-90	20-90	20-90
Net Weight	kg	6.0	6.0	8.0	8.0
Gross Weight	kg	6.5	6.5	8.5	8.5
Product Dimensions (LxWxH)	mm	300x170x400	300x170x400	350x200x450	350x200x450
Package Dimensions (LxWxH)	mm	360x260x440	360x260x440	410x280x490	410x280x490
FCL 20' / 40'HQ		760 / 1750	760 / 1750	550 / 1276	550 / 1276

ATS box introduction

1. Generator power light
2. Mains power light
3. Transfer switch
4. Cable hole (AC230/400V)
5. Signal cable socket (DC12V)

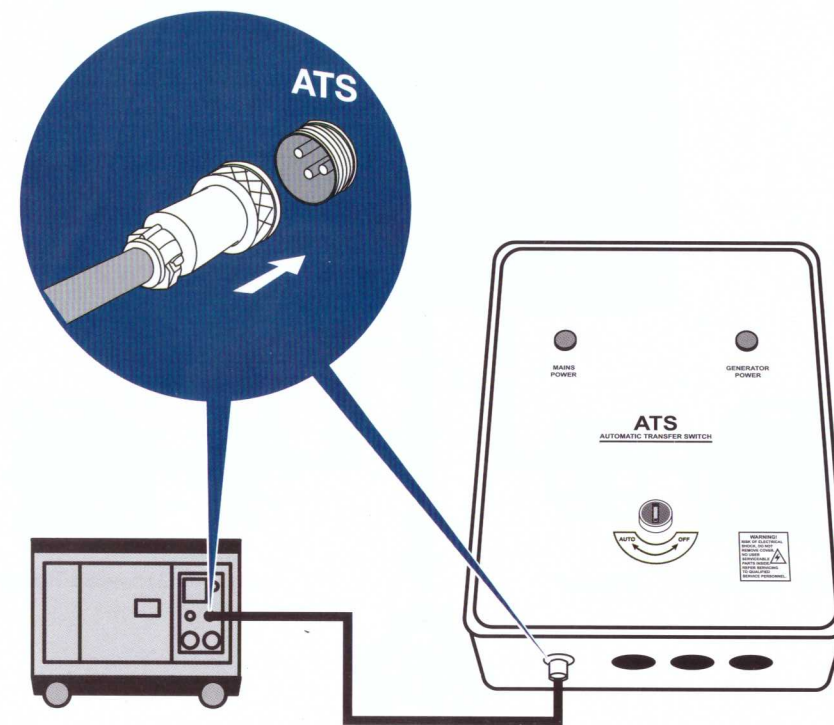


AUTO ATS system works automatically.
OFF Switch off ATS and Mains power.

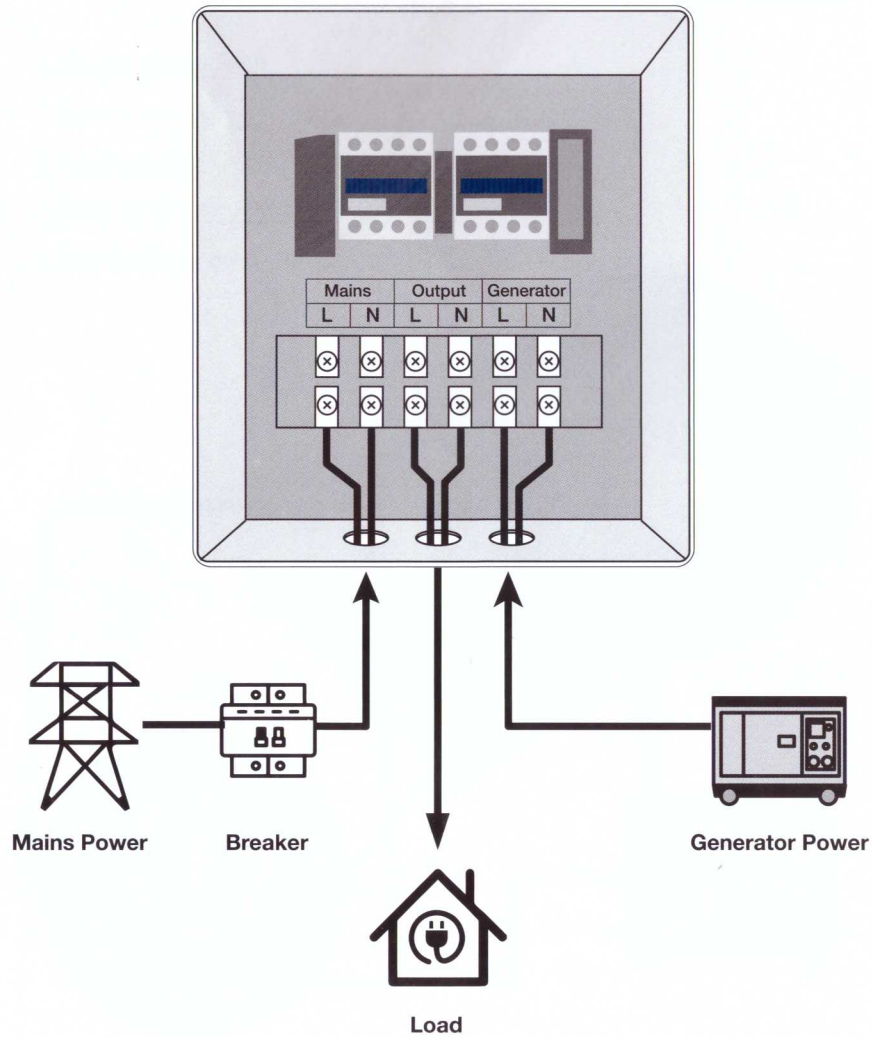
Connect the signal cable

Notice:

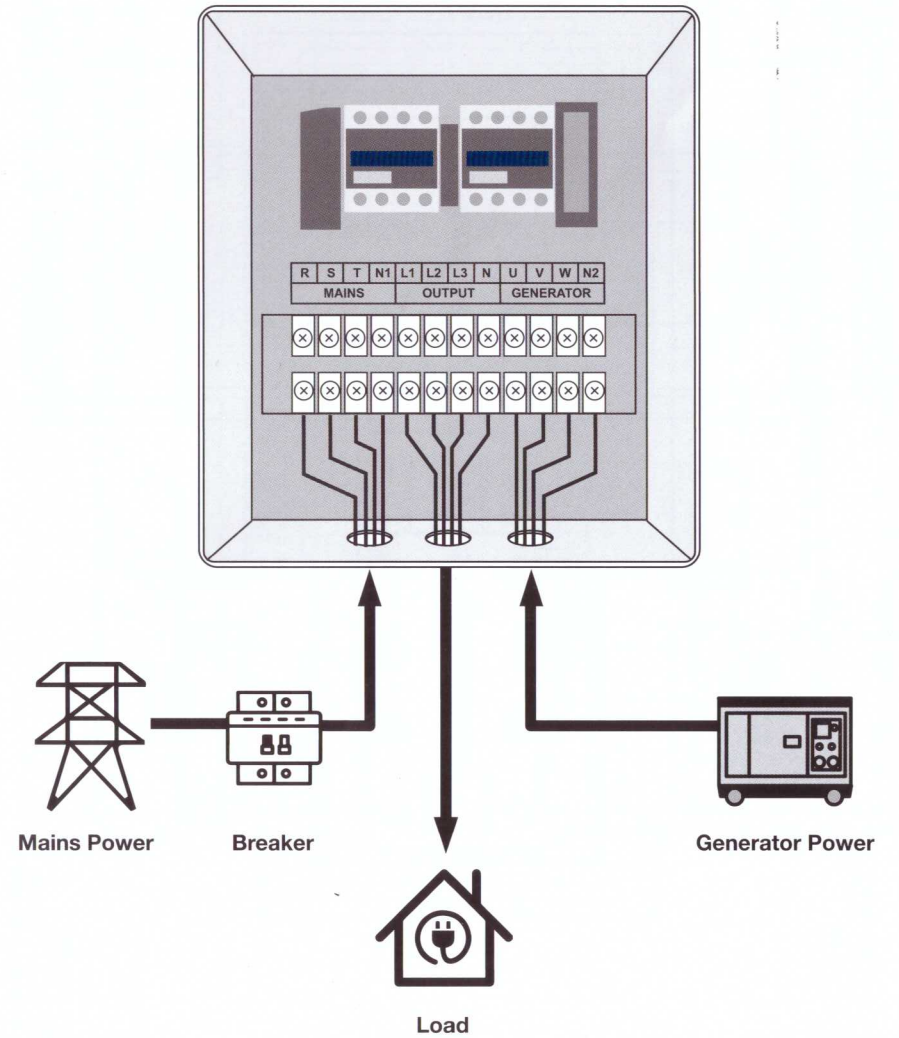
Switch OFF the mains power and then connect the signal cable .
Must connect the signal cable and ATS works automatically.



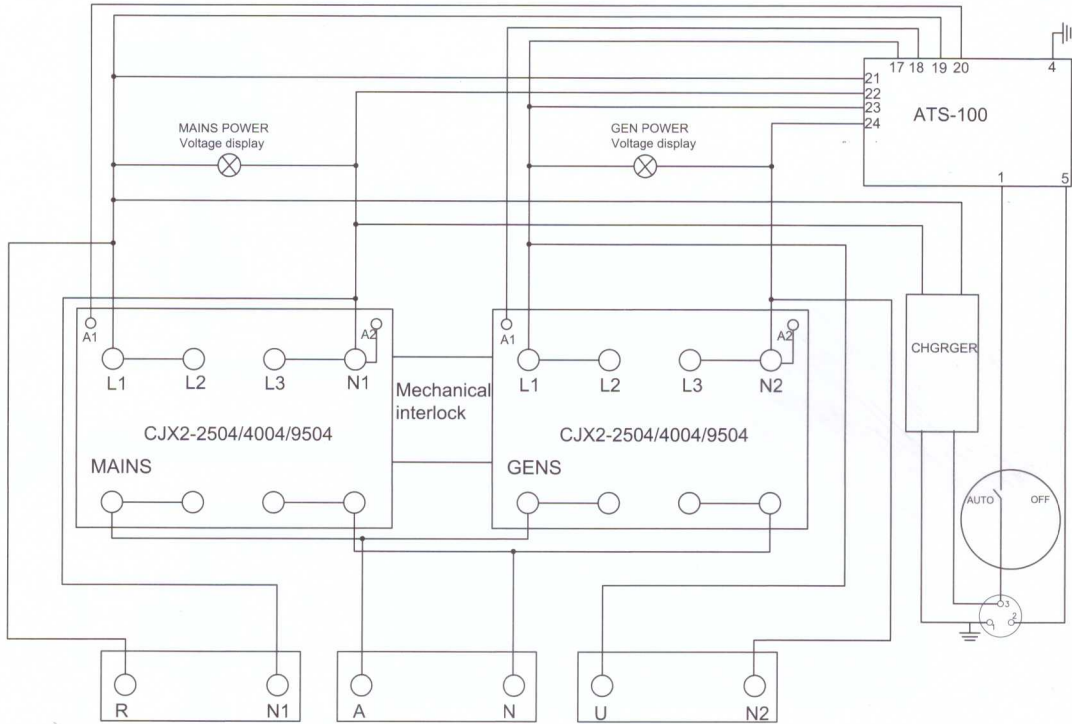
Wiring method (Single Phase)



Wiring method (Three Phase)

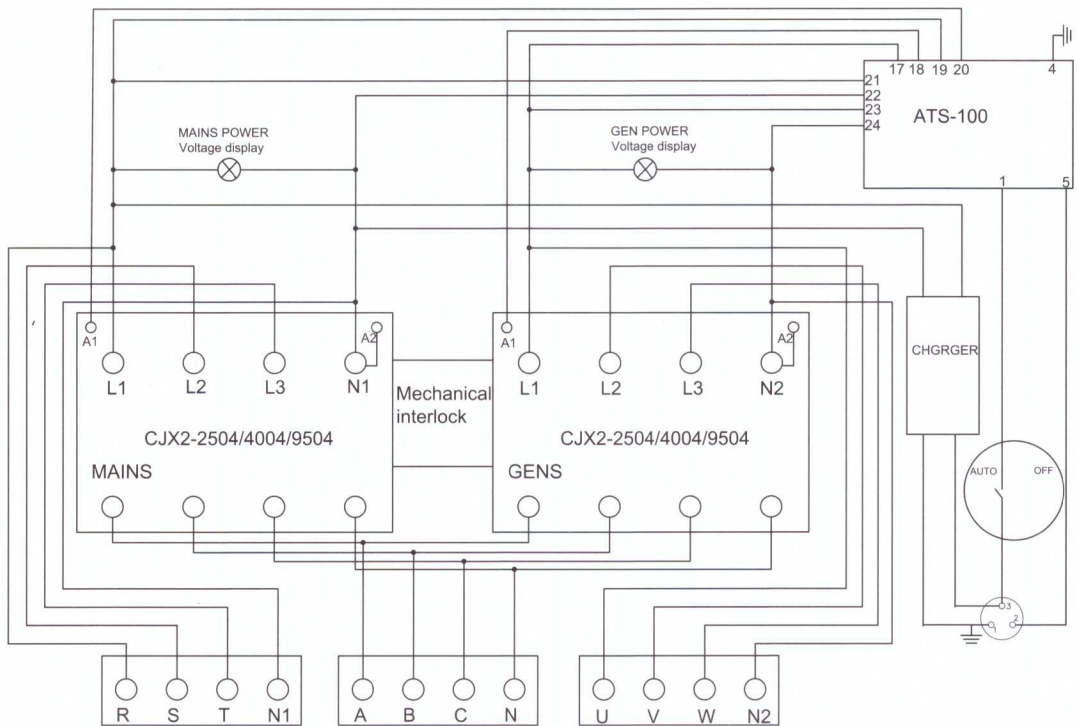


Circuit diagram (Single Phase)



- | NO. | FUNCTION |
|--------|---------------------|
| 1. | B+ |
| 4. | B- |
| 5. | FUEL |
| 17-18. | CLOSE GENS |
| 19-20. | CLOSE MAINS |
| 21-22. | MAINS VOLTAGE INPUT |
| 23-24. | GENS VOLTAGE INPUT |

Circuit diagram (Three Phase)



- | NO. | FUNCTION |
|--------|---------------------|
| 1. | B+ |
| 4. | B- |
| 5. | FUEL |
| 17-18. | CLOSE GENS |
| 19-20. | CLOSE MAINS |
| 21-22. | MAINS VOLTAGE INPUT |
| 23-24. | GENS VOLTAGE INPUT |