

# ATS-22

## Programmable Automatic Transfer Switch (ATS) Controller User-Friendly Touch Switches & LED Display Design

### Features

- Micro-processor based & full glass panel design
- Smart m-Touch touch sensing design
- Compact size with user-friendly LED display
- Capacitive touch key programming & operation\*<sup>1</sup>
- Program settings are Auto-saved into memory and will remain saved even when power is disconnected
- Provides full phase voltage & frequency monitoring & protection for both normal & standby source
- Transfer fail alarm, Pre-exerciser or Pre-transfer signal output
- Optional USB / RS485 / Ethernet remote communication functions
- Free APP for monitor and operate your ATS & genset directly from your smart phone
- Built-in 1 to 4 weeks exerciser timer
- Built-in noise filter and protect fuses for both normal & standby source



\*1 All operation can be done directly on touch panel or From PC connection.

### User-Friendly 7 Segment & Status LED Display

- Programmable display with 3 phase voltage & frequency
- Current time display on OFF mode
- TDEN/TDNE/TDEC/TDES/TDOFF countdown display
- Internal program settings & status display
- Display Auto/OFF/Test status
- Over/Under voltage & frequency alarm (Both Sources)
- Display real time power loop

### Specifications

<b>AC Voltage Input</b>	50~530 VAC
<b>Frequency</b>	50/60 Hz
<b>Generator Start Relay</b>	7A @ 250 VAC Max.
<b>Transfer to Normal Relay</b>	7A @ 250 VAC Max.
<b>Transfer to Standby Relay</b>	7A @ 250 VAC Max.
<b>Alarm Output Auxiliary Relay</b>	7A @ 250 VAC Max.

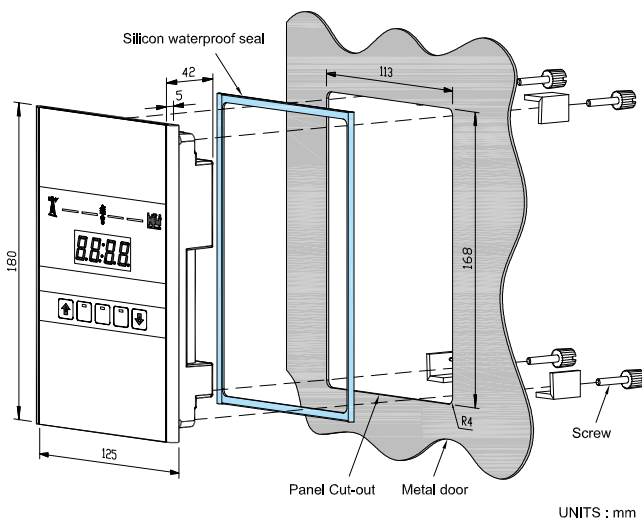
### Full Phase Voltage & Frequency Monitoring

<b>Over Voltage Adjustable Range</b>	110~530 VAC
<b>Under Voltage Adjustable Range</b>	80~470 VAC
<b>Over Frequency Adjustable Range</b>	51~75 Hz
<b>Under Frequency Adjustable Range</b>	40~59 Hz

### Environment

<b>Operating Temperature</b>	-20~70°C
<b>Storage Temperature</b>	-30~80°C
<b>Relative Humidity</b>	Maximum 90%

### Mechanical Specifications (Unit : mm)



### Adjustable Timers

<b>TDNE</b>	0~250 Sec.
<b>TDES</b>	0~30 Sec.
<b>TDEN</b>	0~999 Sec.
<b>TDEC</b>	0~250 Sec.
<b>TDOFF</b>	0~99 Sec.
<b>Engine Exerciser Test Period</b>	0~99 Min.
<b>Exerciser Test Cycle</b>	1~4 Weeks

### Physical Specification

<b>Panel Cut-Out</b>	113.0 x 168.0 ±0.5 mm
<b>Dimensions</b>	125.0 (L) x 180.0 (W) x 42.0 (H) mm
<b>Weight</b>	495g ±2%