

## Sensor-Less Street Light Controller Based on Astronomical Time

The ATS-ST series is an automatic Street Light Controller based on astronomical time of the city. It operates automatically at local Sunset and Sunrise time.

The advanced Digital Controller takes into account seasonal variation of Sunset & Sunrise time of the city.

It does not get affected by bird drop, sensor failure, water seepage, corrosion, dust covering etc as in the case with Sensor based solutions.

The ATS-ST-6A is designed to be fit inside an individual lamp enclosure.

The ATS-ST-HP is meant for a string of lights for simultaneous control.

Applications are Street lighting, Garden light, Security light, Campus & Estate light etc

It has option for fixed ON time operation of the light also.

### Advantages:

- Automatic Dusk to Dawn operation.
- Adjusts to seasonal variation of Sun
- Avoids untimely operation
- Operates at local dusk & dawn time.
- Fixed ON time option also available.
- Not dependent on light sensor.
- Simple & easy fitment.
- Overvoltage protection for lamp.
- Very Low Power Consumption
- HP series comes with rated contactor



Sensor-Less Street Light  
Controller based on Astronomical Time



Sensor-Less Street Light  
Controller based on HP

## TECHNICAL SPECIFICATION

S. No	Parameter	Value
1.	Capacity	ATS-ST-6A-300W
		ATS-ST-HP from 16Amps to 63Amps Contactor
2.	Input Voltage Range	100-280V ac
3.	Overvoltage Protection	Greater than 280V
4.	Power Consumption	<1W (Idle)
5.	Timer Accuracy	+/- 5 minutes
6.	On Time	Local Dusk
7.	Off Time	Local Dawn

\*Note: Specification may change as result of continuous improvement of the product. Contact factory for latest update. Picture shown is that of the PCB. Actual model will come in enclosure as specified.