

ASC AC-1 Series-Ve Aircon Controller

The ASC AC-1 Series-Ve was designed with the same objective as its predecessor, ASC AC1 Series-V but in a more cost effective package for smaller system configurations. The ASC AC1 Series-Ve Aircon Controller can automate the operation of two(2) airconditioning units to facilitate even distribution of ACU loads. This represents cost savings by minimizing equipment downtime due to airconditioner failure as well as reduction in man-hour maintenance costs especially for unmanned telecom shelters.

APPLICATIONS

The ASC Series of Aircon Controllers is ideal for use in remote and unmanned facilities with multiple airconditioning units that functions as a fault tolerant system. Designed as a stand-alone unit, the AC1 Series-Ve features high loading capacity for controlling two airconditioning units and the flexibility to accommodate individual customer applications.



* Actual unit may vary from above picture.

STANDARD FEATURES:

- Controls up to 2 x ACUs
- Window and/or split type ACUs
- Digitally programmable HI & LO temperature set points with hysteresis (selectable to °C or °F)
- Automatic activation of unscheduled airconditioning units during a HI-temperature condition to maintain room temperature.
- Automatic shut-off of all airconditioning units during a LO temperature condition to minimize condensation.
- Auto switch-back to load schedules upon restoration from abnormal temperature condition
- BYPASS switch per airconditioning unit to override automatic load schedules.
- Individual LED indicator lamps of system status (Normal, ACU fault)
- Easily programmable switchover time setting of load schedules via thumb wheel switch (1 -99 hours)
- Digital temperature reading with remote probe (optional)
- No batteries required
- Stable over a wide voltage range (180VAC -270VAC)

ACU PROTECTION FEATURES

- Power-on voltage delay
- Over-Under voltage ACU shutdown
- Immediate or delayed switchover to the next ACU When an ACU fault occurs

SPECIFICATIONS

Input Voltage	- 220VAC; ~100W
Max. Load per aircon	- 220VAC; 30A
Max. HI-temp setting	- 50° Celsius
Min. LO-temp setting	- 0° Celsius
Dimensions	- 33 x 37 x 10cm(WxHxD)

Ordering Information:

AC1-S52W - 2 x Window/Split type ACU Controller