

Power

Battery Spacer Clip (BSC)



- Designed for use with most group 27 or 31 VRLA batteries
- Easy to install - clips to the top of the battery
- Increases battery life expectancy by providing critical battery spacing required for proper ventilation
- Accurately positions and secures the Remote Temperature Sensor (RTS)
- Strongly recommended for hot climates
- Designed to last over 30 years or lifetime of the equipment

Two problems have long been associated with installing and maintaining batteries in HFC networks: The first is how to maintain critical spacing between batteries to prevent overheating particularly for the middle battery. The second problem is how to secure the Remote Temperature Sensor (RTS) to the side of the battery to ensure proper temperature compensation when charging the batteries. The Battery Spacer Clip (BSC) is an innovative product that solves both problems. The BSC clips to the top of the battery and forces the critical .5in/12.7mm spacing for ventilation required by battery manufacturers. The BSC also holds the RTS in the proper position on the side of the middle battery for accurate battery temperature measurements. The BSC is an inexpensive way to ensure longer battery life especially in hot climates.



Battery Spacer Clip (BSC) Installation Instructions

The BSC has been designed to fit the AlphaCell 165, 185 and 210 series batteries. To install, flex the clip and hook the retaining tabs over the top of the battery as shown below. Alpha Technologies recommends the use of two battery clips for a 36V battery string and 4 clips for a 48V battery string for optimal spacing.



Clip on 165 Series battery



Clip on 185/210 Series battery



Remote Temperature Sensor (RTS) in place.

Installation Tip:

Due to variations in the manufacturing process, it may be necessary to wrap the Remote Temperature Sensor with electrical tape to ensure a secure fit in the cutout.



Detail of battery spacing



Recommended 36V Battery string spacing utilizes two clips



Recommended 48V Battery string spacing utilizes four clips

Installation Tip:

For optimal spacing, place the clips on the front batteries. Install the Remote temperature Sensor (RTS) on the innermost clip of either battery.



Detail of BSC with existing RTS



Detail of BSC with alternate RTS

For contact information visit www.alpha.com

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