

WHAT IS THE AVERAGE LIFE SPAN OF THE INTERNAL BATTERY AND/OR EXTERNAL BATTERY PACK OF A TRIPP LITE UPS?

Related Products

UPS Internal or External Battery

Article Number

000001303

The majority of Tripp Lite UPS systems use SLA (sealed lead acid) batteries, both internally and in their external battery packs. While many variables influence how long UPS batteries maintain a high operating capacity, their average life span is between three and five years. Two primary factors that negatively affect battery life are heat and the frequent use of the UPS's *Battery Mode*, which discharges the battery cells.

We recommend monitoring the environment where the UPS will be installed. Verify the UPS housing has adequate ventilation and the airways are clear of obstructions. The recommended UPS environmental temperature range is between 32° and 104° F, but the optimal internal UPS temperature is between 65° and 75° F.

Switching from *Line/Online Mode* to *Battery Mode* drains the capacity of the UPS batteries and shortens their life span. If the UPS excessively switches to *Battery Mode*, identify what anomalies are occurring at the UPS's AC input. There are some common reasons why a UPS will switch to *Battery Mode*:

- Constant and/or drastic voltage fluctuations, such as brownouts or overvoltages, where the UPS uses its battery to protect connected equipment
- Shared circuits that may contain line noise and interference
- Frequent blackouts

Correction of AC input problems may require aid of an electrician.

For additional assistance, please contact Tripp Lite Technical Support by email (techsupport@tripplite.com) or phone (773.869.1234). Tech Support is available from 7:00 a.m. to 6:00 p.m. Central time, Monday through Friday.