

System Engineering International **TECHNICAL ADVISORY**

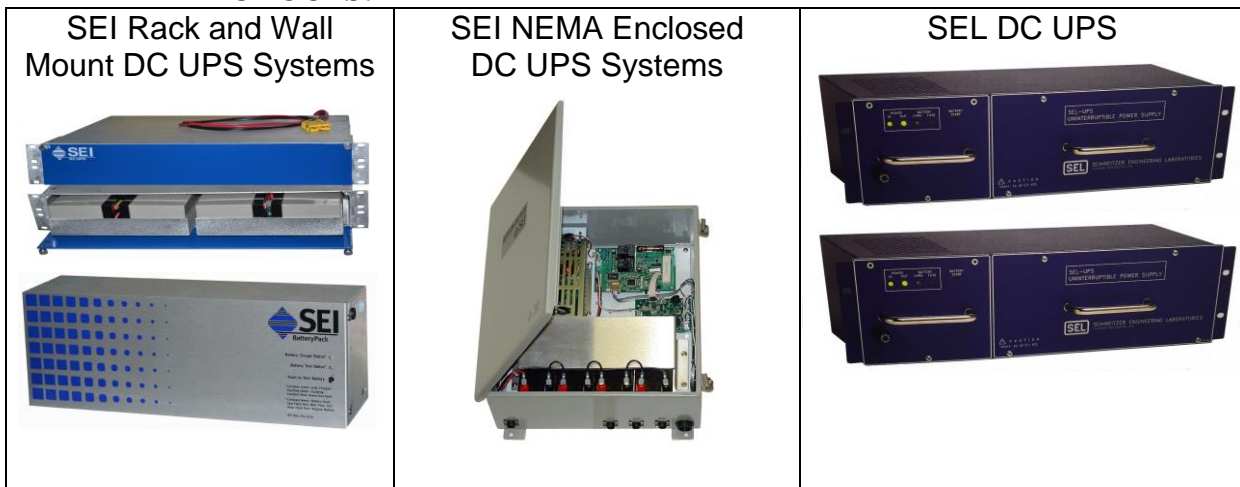


PRODUCT FAMILY: UPS Systems including DC input and DC OUTPUT UPSs

ISSUE: Equipment operation failure due to normal battery degradation

MODELS: System Engineering International (SEI) Wall, Rack and Panel Mount Schweitzer Engineering Laboratories SEL DC UPS

EXAMPLE PRODUCTS:



SCOPE: Units installed prior to 2014

EXPLANATION:

Many DC UPS customers are not aware that these power systems have batteries that require periodic testing to ensure reliable backup power. These systems utilize batteries for backup (holdover) power that require annual testing. Batteries in these systems will begin to degrade after three years, with complete failure possible within five years (life span is further reduced if units are operated outside of environmental parameters). Power systems with degraded batteries cause intermittent outages or completely fail to operate in the event of a loss of input/utility power. As a result, critical equipment will fail during a power outage.

RECOMMENDATION:

Please contact System Engineering International for battery test procedures. If performance has degraded, battery subsystems can be easily replaced by the user or by SEI Technicians.

CONTACT:

DC UPS Engineering Department
System Engineering International
5115 Pegasus Court, Suite Q
Frederick, MD 21704
info@seipower.com
(301)694-9601