

External Battery Module (EBM) Replacement Coverage – Scope of Work Attachment R-15

This scope of work is limited to Eaton 1 Phase UPS models with external cabinetized UPS batteries (either EBM or EBC) for replacement coverage. Coverage requires purchase within 60 days of the batteries being energized or replaced if warranty or battery coverage has lapsed.

EBM Replacement Coverage

- 1.** EBM Replacement Coverage can be purchased for any Eaton cabinetized external UPS battery model and may be added to any Eaton 1P UPS service contract (extended warranty or onsite coverage). Coverage must coincide with the UPS coverage period and may be purchased up to five (5) years duration.
- 2.** Corrective Maintenance Coverage shall be the inspection and repair of the covered Battery System shall be performed as needed during the contracted period of maintenance at no extra charge to Purchaser. Remedial maintenance provided by Contractor shall include, and be expressly limited to, replacement of all worn-out batteries in accordance with Contractor Guidelines, priority shipping, freight charges, labor and associated expense to install new batteries.
- 3.** VRLA Batteries will be considered for replacement when:
 - a)** The battery voltage falls outside of its recommended operating range and fails to respond to corrective action.
 - b)** The batteries internal ohmic value deviates by more than 20% from the average of all of the connected cells/units and fails to respond to corrective action.
 - c)** Battery failures which are identified as having 80% or less of manufacturers rated capacity.
 - d)** When evidence of electrolyte is found on the battery case/jar and repair or cleanup is ineffective.
 - e)** When there is damage to the battery case/jar that is due to an internal failure.
- 4.** VRLA Battery Strings will be considered for replacement when more than 20% of the total connected cells/units fail under one or more of the individual replacement guidelines at one time and that fails to respond to corrective action.
- 5.** The Purchaser shall, from the commencement date of the original battery or battery update installation date, maintain the Battery System in strict accordance with the Battery System manufacturer's recommended maintenance guidelines at the time of purchase. The Purchaser shall, unless otherwise specified in the Service Agreement, also maintain the Power Module with an on-site corrective maintenance agreement of the same duration.