



Battery Cranking Monitor

In-Cab display of battery voltage levels, while under crank, facilitates proper diagnosis of locomotive starting issues in the Repair Shop, Yard or on the Road



- In the Shop, gives repair personnel visibility if they are giving Transportation back a locomotive with healthy batteries
- When starting trouble occurs in the Yard or on the road:
- Train crews can provide the Locomotive Help Desk with key data to confirm if the batteries are the root cause
 - Avoid wasting time attempting to jump shorted batteries
 - Increase repair efficiency by identifying which battery needs to be changed-out

Locomotive starting issues can occur at multiple locations and lead to costly delays. But train crews and mechanical teams lack sufficient diagnostic data, and often just default to trying to jump the battery. Flying blind, multiple hours are wasted on batteries not healthy enough to accept a charge or when the starter circuit may be the root cause.

The ACS-RS Cab Battery Cranking Monitor provides an in-cab display of the voltage level of both batteries while being cranked. The monitor is placed in the cab, close to the isolation switch, and the two cables are routed to the locomotive battery box.

Now armed with insightful information, Mechanical can increase the likelihood they are returning to Transportation a Locomotive that won't experience battery related starting issues. When Yard or Line of Road starting issues do occur, crews can relay the monitor readings back to the Help Desk and Mechanical can efficiently address the issue and get the locomotive back in service.

ACS-RS Part #	Description
33397	In-Cab Mounted Battery Cranking Monitor (Batt F and R) with 20 Foot Leads and clips