

The IC695ACC302 Auxiliary Smart Battery module is an enhanced version of the IC693ACC302 Auxiliary Battery module. The IC695ACC302 Auxiliary Smart Battery module provides extended volatile memory backup time compared to that of the standard coin cell batteries for PACSystems CPUs and includes reliable low battery detection for compatible CPUs.

For details on the operation of specific CPU models, refer to the *PACSystems CPU Reference Manual* (GFK-2222).

For additional details on battery installation, operation, safe handling and disposal, and agency certifications, refer to the *PACSystems Controllers Battery and Energy Pack Manual* (GFK-2741).

### **Date Code**

The date code is located on the product label at the right bottom edge. The date code consists of four digits, such as 1011. The first two digits represent the year of manufacture in the 21<sup>st</sup> century, such as 10 for the year 2010. The last two digits represent the fiscal week of manufacture for the indicated year (for example 11 stands for fiscal week 11).

### **Installation Information**

While installing the battery to the CPU, first connect the four-pin Male JAE connector on the enabling adapter cable to the female four-pin JAE connector on the battery module as displayed in the following figure.

*(Installing the four-pin connector enables the battery.)*



**Note:** The battery will begin to drain immediately if attached to the CPU in Power OFF condition. To maximize battery life, it is recommended that you install the fresh battery after power has been turned ON to the attached CPU.

**Note:** Once the enabling adapter cable is connected, the battery starts to drain, even if it is not attached to the CPU. It is recommended to disconnect the enabling adapter cable from the battery module when the battery is not in use. Even though the discharge current would be negligible with just the enabling adapter cable connected, this can affect battery life if left in this condition for long durations.



The battery used in this device may present a risk of fire, explosion, or chemical burn if mistreated. Do not short-circuit, crush, disassemble, or dispose of with fire.

Use of a battery not specified by the manufacturer may present a risk of fire or explosion.



**EXPLOSION HAZARD** – Do not install or replace the battery module unless the area is known to be non-hazardous.

### ***Safe Handling and Disposal***

For safe handling and disposal of dead battery modules, reference the manufacturer's Material Safety Data Sheet (MSDS) and the Battery Disposal Document included with this product.

### ***Release History***

<b><i>Catalog Numbers</i></b>	<b><i>Version</i></b>	<b><i>Date</i></b>	<b><i>Comments</i></b>
IC695ACC302-AB	1.1	August 2012	Resolves issue with indication of correct low battery period when used with higher versions of RX7i CPUs
IC695ACC302-AA	1.0	March 2011	Initial release

### ***Problems Resolved in this Version***

When the Smart Auxiliary battery, IC695ACC302-AA is used with the PACSystems CPU320/CRU320/CPE030/40 and CRE030/040 CPUs, it may not indicate the correct battery low period of 15 days. This problem is resolved in the –AB version.

For details on CPU compatibility and version requirements, refer to the *PACSystems Controllers Battery and Energy Pack Manual* (GFK-2741).

### ***Related Documents***

*PACSystems CPU Reference Manual* (GFK-2222)

*PACSystems RX7i Installation Manual* (GFK-2223)

*PACSystems RX3i System Manual* (GFK-2314)

*PACSystems Controllers Battery and Energy Pack Manual* (GFK-2741)