

IMPORTANT INFORMATION

Date: May 1, 2012

Discontinuation of analog AVR/Excitation system for air-cooled Generator

1. Discontinuation of printed circuit boards for the “analog” type AVR

Analog AVRs were developed in 1970s and mainstream of AVR/Excitation system was upgraded to digital AVRs beginning during the late 1990s.

After the development of digital AVRs, analog parts such as transistor and operational amplifiers are no longer available from our vendors. Therefore, we have to discontinue the supply of spare parts for the following analog AVR models.

- VRG-PMH (For Brushless Excitation system)
- VRG-STA (For Static Excitation system)



Model VRG-PMH AVR unit

2. Repair Service

Although spare printed circuit boards cannot be supplied, a repair service will offered until December of 2014.

A damaged printed circuit board from the AVR unit can be sent to the factory for evaluation. Then, the proper course of action will be suggested. Please contact to us for details.

Repair service depends on which components/portions of the board are damaged. If replacement parts cannot be sourced, a repair will not be possible.

3. New Upgraded model

Mitsubishi Electric has developed new AVR model, the **MEC700**, which was released in 2010. The MEC700 makes a perfect sense replacement for the discontinued AVR models.

Two replacement plans are available, depending on your particular configuration:

1. Full Replacement – i.e. replace the complete existing cubicle with a new MEC700 cubicle.
2. Partial Replacement – replacement of key components of the AVR with MEC700 components.

Please refer to JEJQ-12004-S003 for the Partial Replacement plan.