MITSUBISHI ELECTRIC
INVERTER TECHNICAL NEWS

MODELS: FR-A800, FR-F800, FR-E800

TITLE: Corrective action when E.PE6 occurs with Pr.890 = "8"

1. Overview
   To prevent EEPROM memory corruption, the EEPROM is checked and E.PE6 will be output if a check error occurs.

   The following describes the corrective action to be taken when E.PE6 occurs and Pr.890 (Internal storage device status indication) = "8" (cause: the inverter power has been shut off immediately after a parameter setting is changed).
   (If E.PE6 still occurs after the corrective action described in Section 2 has been taken, contact your sales representative.)

2. Corrective action when Pr.890 (Internal storage device status indication) = "8" is displayed
   1) Check that the setting values of the parameters described in Section 3 Parameters not cleared by All parameter clear in this document are the same as the values set by the user. Unreadable parameters need not be checked.
   2) When no abnormal value (not set by the user) is found in 1), set Pr.890 = "9000".
   3) Cycle the power or perform an inverter reset, and check that E.PE6 is not output.
   4) Then, the inverter operates properly.
   * When Pr.160 = "9999" (initial value of FR-F800), parameter read is restricted. Set Pr.160 = "0".

3. Parameters not cleared by All parameter clear
   ○: Not cleared by All parameter clear, -: Unreadable

Pr.	Name	FR-A800	FR-F800	FR-E800
75	Reset selection/disconnected PU detection/PU stop selection	○	○	○
145	PU display language selection	○	○	○
414	PLC function operation selection	○	○	○
570	Multiple rating setting	○	○	○
888	Free parameter 1	○	○	○
889	Free parameter 2	○	○	○
977	Input voltage mode selection	○	○	-
1000	Direct setting selection	○	○	-

When the FR-A8AVP is used, also check the following parameters.

Pr.	Name	FR-A800	FR-F800	FR-E800
1344	R-S turns ratio compensation	○	○	-
1345	T-S turns ratio compensation	○	○	-