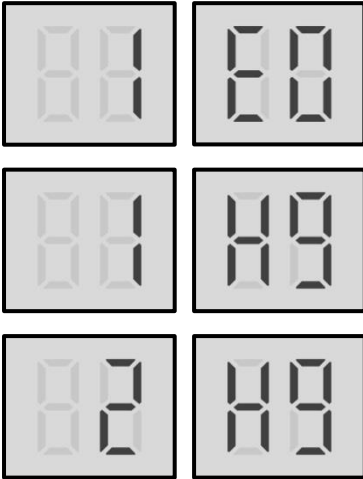**E0/H9 Troubleshooting**

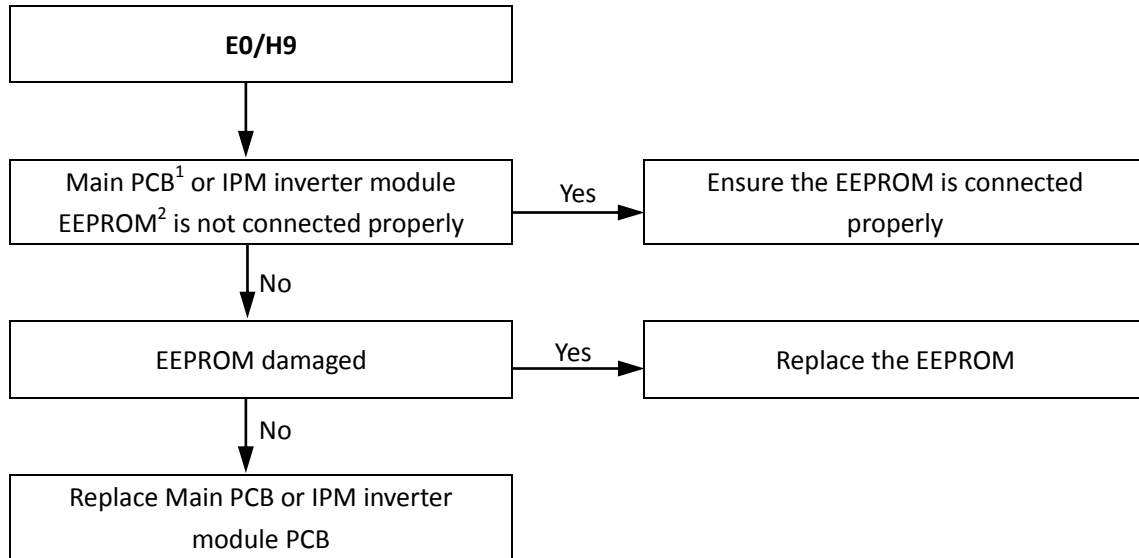**1 Digital display output**

2 Description

- 1E0 indicates main PCB EEPROM error.
- 1H9 indicates IPM inverter module (compressor A) EEPROM error.
- 2H9 indicates IPM inverter module (compressor B) EEPROM error.
- All units stop running.
- Error code is displayed on main PCB and user interface.

3 Possible causes

- Main PCB or IPM inverter module EEPROM is not connected properly.
- Main PCB or IPM inverter module damaged.
- EEPROM damaged.

4 Procedure

```
                    ┌─────────────────────────────┐
                    │            E0/H9            │
                    └──────────────┬──────────────┘
                                   │
                                   ▼
   ┌─────────────────────────────────────────┐  Yes  ┌─────────────────────────────────────┐
   │ Main PCB¹ or IPM inverter module         │──────▶│ Ensure the EEPROM is connected      │
   │ EEPROM² is not connected properly        │       │ properly                            │
   └────────────────────┬────────────────────┘        └─────────────────────────────────────┘
                        │ No
                        ▼
   ┌─────────────────────────────────────────┐  Yes  ┌─────────────────────────────────────┐
   │            EEPROM damaged                │──────▶│        Replace the EEPROM           │
   └────────────────────┬────────────────────┘        └─────────────────────────────────────┘
                        │ No
                        ▼
   ┌─────────────────────────────────────────┐
   │ Replace Main PCB or IPM inverter         │
   │ module PCB                               │
   └─────────────────────────────────────────┘
```

Notes:

For 30kW and 60kW units,

1. Main PCB EEPROM is designated IC10 on the main PCBs.
2. Compressor inverter module PCB EEPROM is designated IC25 on compressor inverter module PCB.