

Carrier Inverter AC Error Codes, Indoor and Outdoor Protection

Category: Air Conditioner

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E0	EEPROM data communication error
E1	EEPROM data communication error 2
E2	EEPROM data communication error 3
E3	EEPROM data communication error 4
E4	EEPROM data communication error 5
E5	EEPROM data communication error 6
E6	EEPROM data communication error 7
E7	EEPROM data communication error 8
E8	EEPROM data communication error 9
E9	EEPROM data communication error 10
F0	Outdoor AC fan motor fault
F1	Compressor outdoor temperature sensor
F2	Three-phase current control fault
F3	Phase current sampling fault
F4	IPM module fault
F5	Compressor stall temperature overheat protection
F6	Compressor starting abnormal
F7	Compressor cut-off stop abnormal
F8	Outdoor AC current protection
F9	Motor bus voltage over/under protection
G0	Motor bus voltage over low protection
G1	Outdoor Over High/Over low AC voltage protection
G2	Compressor phase current protection
G3	Outdoor Over High/Over low DC voltage protection
G4	IPM temperature over heat protection
G5	Compressor discharge temperature

Carrier inverter air conditioners use detailed error codes to protect the compressor, sensors, and inverter electronics. Codes such as E0, F0, P0, and P6 reveal EEPROM faults, outdoor AC current problems, IPM module errors, and DC bus voltage issues, giving HVAC technicians a clear roadmap for safe, accurate troubleshooting and long-term system reliability.