

Code list of common faults 故障代码(E*)



Cause of issue	Error code	phenomenon
IDU temperature sensor error 内环传感器故障(断路或短路)	E1	Stop running
ODU coil sensor error 室外盘管传感器故障(断路或短路)	E2	Stop running
IDU coil sensor error TE异常(断路或短路)	E3	Stop running
PG motor error PG反馈异常	E4	Stop running
IDU and ODU communication error 室内外通信故障	E5	Stop running after 12 min

Code list of common faults 故障代码(F*)



Cause of issue	Error code	phenomenon
Module protection error 模块保护故障	F1	Stop running
PFC protection error PFC保护故障	F2	
Compressor out-of-step error 压缩机运行失败故障	F3	
Exhaust sensor error 室外排气传感器故障	F4	
Compressor top head sensor error 压缩机顶盖保护故障	F5	
external temperature sensor error 室外环境传感器故障	F6	
OVP or UVP error 过欠压保护故障	F7	
exclusive of external machine of single panel 室外模块通信故障	F8	
Outdoor EE error 室外EE故障	F9	
Outdoor DC fan error 室外风机故障	F0	

Code list of common faults 故障代码(L*)



Cause of issue	Error code	phenomenon
DC overvoltage and undervoltage fault 直流过欠压故障	L0	Stop running
Compressor phase current overcurrent protection 压缩机相电流过流保护	L1	
Compressor out of step 压缩机失步故障	L2	
Compressor phase failure 压缩机缺相故障	L3	
Compressor drive module IPM failure 压缩机驱动模块IPM故障	L4	
PFC overcurrent hardware protection PFC过流硬件保护	L5	
PFC overcurrent software protection PFC 过流软件保护	L6	
Current detection AD abnormal protection 电流检测AD异常保护	L7	
shunt resistance imbalance fault shunt 电阻不平衡故障	L8	
IPM temperature sensor failure IPM温度传感器故障	L9	

Code list of common faults 故障代码(L*)



Cause of issue	Error code	phenomenon
IPM temperature sensor failure 压缩机启动失败	LA	Stop running
PFC current detection AD abnormal protection PFC电流检测AD异常保护	LC	
DC fan current detection AD abnormal protection 直流风机电流检测AD异常保护	LD	
Phase loss protection of DC fan 直流风机缺相保护	LE	
DC fan out of step protection 直流风机失步保护	LF	
DC fan IPM protection 直流风机IPM保护	LH	

Code list of common faults 故障灯



LED1	LED2	LED3	Name of Fault 故障名称
○	○	○	Normal (ODU: standby) 正常 (外机待机)
★	★	★	Normal (compressor: in operation) 正常 (压机运行中)
●	●	●	Compulsory operation (test mode) 强制运行 (测试模式)
★	★	●	Fault of IPM protection 模块保护故障
★	●	★	Loss step of compressor 压缩机失步故障
★	○	★	Fault of discharge temp sensor 排气传感器故障
●	★	★	Fault of outdoor PIPE temp sensor 外盘管传感器故障

○ OFF

● ON

★ BLINK

Code list of common faults 故障灯



LED1	LED2	LED3	Name of Fault 故障名称
○	★	★	Fault of outdoor ambient temperature sensor 外环温传感器故障
★	●	●	communication fault between IDU and ODU 内外机通讯故障
★	●	○	communication fault of outdoor main control board and IPM board 外主控与模块板通讯故障
★	○	●	ODU EE fault 室外EE故障
★	○	○	Fault of ODU fan motor 室外直流风机故障
●	★	●	Fault of indoor room temperature sensor 内室温传感器故障
●	★	○	Fault of indoor PIPE temp sensor 内盘管传感器故障
○	★	●	Fault of IDU motor 室内风机故障

○ OFF

● ON

★ BLINK

Code list of common faults 故障灯



LED1	LED2	LED3	Name of Fault 故障名称
○	○	★	Over current protection 过电流保护
●	●	○	Fault of discharge temp sensor 排气传感器故障
●	○	●	system overload protection 制冷防过载保护
○	●	●	Indoor heating high-temperature protection 制热室内防高温保护
○	●	●	Indoor heating high-temperature protection 制热室内防高温保护
●	○	○	Indoor refrigeration freezing protection 制冷室内防冻结保护
○	○	●	fault of over/under-voltage protection 过欠压保护故障

○ OFF

● ON

★ BLINK

Code list of common faults 变频常见故障代码表

AUX

