

Faulty Code	Description	Solution
SCI Fault	When the port which used for programing and debugging is broken,this fault will happen	Replace if frequently happens, and cannot recover after re-start(Pic needed)
CAN1 Fault	the communication between two boards is disconnected.	Contact Solax
PV Config Fault	The setting of PV connection is wrong	Contact Solax
Inv EEPROM Fault	The ROM in the internal circuit is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Relay Fault	The internal Relay is Broken.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
sample Fault	Sample data of two chips on the same board are different	Replace if frequently happens, and cannot recover after re-start(Pic needed)
RCD Fault	Residue current device is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Fan1 Fault	FAN 1 is fault	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Fan2 Fault	FAN 2 is fault	Replace if frequently happens, and cannot recover after re-start(Pic needed)
AC HTC Fault	The internal CT of AC plug is damaged.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Over load Fault	Loads are exceed the standard value	Contact Solax
DCI Device Fault	The DCI current sensor is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
EPS Relay Fault	The relay of EPS side is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
TZ Protect Fault	Protect internal over current of hardware	Contact Solax
Grid lost Fault	There is no electricity on the AC side	Contact Solax
Grid Volt Fault	The voltage on AC side is not in the range	Contact Solax
Grid Freq Fault	The frequency on AC side is not in the range	Contact Solax
PLL Lost Fault	This fault is caused by the local grid	Replace if frequently happens, and cannot recover after re-start(Pic needed)
BUS Volt Fault	BUS voltage is higher than the maxmium value	Contact Solax
AC5M Volt Fault	The AC grid voltage more than the required value and last 5 minutes will give this alarm	Contact Solax
Inv OCP Fault	protect inverter for over current.	Contact Solax
PV Volt Fault	PV voltage is too high	Contact Solax
AC10M Volt Fault	The AC grid voltage more than the required value and last 5 minutes will give this alarm	Contact Solax
Isolation Fault	The impedance between PV(+) PV(+)and ground is too low.	Contact Solax
Temp Over Fault	Internal temperature of inverter is too high	Contact Solax
Fan1 Speed Fault	The speed of FAN1 is abnormal	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Fan2 Speed Fault	The speed of FAN2 is abnormal	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 Can Fault	Communication between charger 1 and inverter is damaged	Contact Solax
C1 Temp High	The temperature of charger 1 is too high	Contact Solax
C1 FAN Fault	The FAN of charger 1 is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 TZ Fault	Internal over current of hardware of charger 1	Contact Solax
C1 EEPROM Fault	The ROM of charger 1 in the internal circuit is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 HTC 1 Fault	The HALL CT1 of charger 1 is damaged	Contact Solax
C1 HTC 2 Fault	The HALL CT2 of charger 1 is damaged	Contact Solax
C1 BUS OVP	BUS voltage of charger 1 is higher than the maxmium value	Contact Solax
C1 Temp Low	The temperature of charger 1 is too low	Contact Solax
C1 Boost OVP	Boost over voltage is protected by charger 1	Contact Solax
C1 Bat OVP	The battery voltage to charger is too high	Contact Solax
C1 Charger OCP	Over current of charger 1 is detected	Contact Solax
C1 Boost OCP	Over current of boost of charger 1 is detected	Contact Solax
CT Fault	Something wrong about current transformer	Contact Solax
RC Fault	Residual current is in the wrong value	Replace if frequently happens, and cannot recover after re-start(Pic needed)
DCI OCP Fault	The protection of the DCI current	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Other device Fault	The other device is damaged	Contact Solax
SW OCP Fault	Protect inverter for over current.	Contact Solax
DM 9000 Fault	The Ethernet communication chip is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
RTC Fault	Setting of time is wrong	Contact Solax
Mgr EEPROM Fault	The ROM of manager board is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)

Faulty Code	Description	Solution
Grid Fault	The grid voltage and frequency are abnormal.	Contact SolaX
No Utility	Off to grid. The cable connection of AC side is loose or disconnected.	Contact SolaX
PV Over Voltage	Bus voltage which comes from PV, is higher than the maximum value. This fault will happen	Contact SolaX
DC INJ High	The DC injection current of AC output is higher than the set value.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
SCI Fault	When the port which used for programming and debugging is broken, this fault will happen	Replace if frequently happens, and cannot recover after re-start(Pic needed)
AC Sensor Fault	During the checking, the current in Hall CT is too low.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
ISO Fault	The impedance between PV(+) PV(-) and ground is too low.	Contact SolaX
Consistent Fault	There are two CPU in the communication module. When these two CPU cannot communicate or the data are different, this fault will happen.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Relay Fault	The internal Relay is Broken.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Ground I Fault	Earth leakage current is too high	Contact SolaX
EEPROM Fault	The ROM of the internal circuit is out of order.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
High DC Bus	Bus voltage is higher than the maximum value. This fault will happen	Contact SolaX
GFCI Fault	Earth leakage current protection	Replace if frequently happens, and cannot recover after re-start(Pic needed)
SPI Fault	SPI communication fault inside the PCB board	Replace if frequently happens, and cannot recover after re-start(Pic needed)
CAN1 Fault	The communication between two boards is disconnected.	Contact SolaX
PV Config Fault	The setting of PV connection is wrong	Contact SolaX
Inv EEPROM Fault	The ROM of internal circuit is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Sample Fault	Sample data of two chips on the same board are different	Replace if frequently happens, and cannot recover after re-start(Pic needed)
RCD Fault	Residual current device is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
FAN 1 Fault	FAN 1 is fault	Replace if frequently happens, and cannot recover after re-start(Pic needed)
FAN 2 Fault	FAN 2 is fault	Replace if frequently happens, and cannot recover after re-start(Pic needed)
FAN 3 Fault	FAN 3 is fault	Replace if frequently happens, and cannot recover after re-start(Pic needed)
AC HCT Fault	The internal CT of AC side is damaged.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Over load Fault	Loads are exceed the standard value	Contact SolaX
DCI Device Fault	The DCI current sensor is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
TZ Protect Fault	Protection of over current of the AC output	Contact SolaX
Grid lost Fault	There is no electricity on the AC side	Contact SolaX
Grid Volt Fault	The voltage on AC side is not in the range	Contact SolaX
Grid Freq Fault	The frequency on AC side is not in the range	Contact SolaX
PLL Lost Fault	This fault is caused by the local grid	Replace if frequently happens, and cannot recover after re-start(Pic needed)
BUS Volt Fault	BUS voltage is higher than the maximum value	Contact SolaX
Inv ocp Fault	protect inverter for over current.	Contact SolaX
PV volt Fault	PV voltage is too high	Contact SolaX
Temp over Fault	Internal temperature of inverter is too high	Contact SolaX
FAN1 Speed Fault	Speed of FAN1 is abnormal	Replace if frequently happens, and cannot recover after re-start(Pic needed)
FAN2 Speed Fault	Speed of FAN2 is abnormal	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 Can Fault	Communication between charger 1 and inverter is abnormal	Contact SolaX
C1 Temp High	The temperature of charger 1 is too high	Contact SolaX
C1 FAN Fault	The FAN of charger 1 is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 TZ Fault	Internal over current of hardware of charger 1	Contact SolaX
C1 EEPROM Fault	The ROM of charger 1 in the internal circuit is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 Bus Fault	BUS voltage of charger 1 is higher than the maximum value	Contact SolaX
C1 Temp Low	The temperature of charger 1 is too low	Contact SolaX
C1 Boost OVP	Charger boost circuit over voltage protection	Contact SolaX
C1 Bat OVP	The battery voltage to charger is too high	Contact SolaX
C1 Charger OCP	Over current of charger 1 is detected	Contact SolaX
C1 Boost Ocp	Over current of boost of charger 1 is detected	Contact SolaX
CT Fault	Incorrect connection of current transformer	Contact SolaX
RC Fault	Residual current is in the wrong value	Replace if frequently happens, and cannot recover after re-start(Pic needed)
SW OCP Fault	Protect inverter for over current.	Contact SolaX
Other device Fault	The other device is damaged	Contact SolaX
RTC Fault	Setting of time is wrong	Contact SolaX
Mgr Eeprom Fault	The ROM of manager board is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Mgr CAN Fault	The communication of manager board is wrong	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 SPI Fault	The communication between two boards of charger 1 is wrong	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 sample Fault	Sample data of two chips on the same board of charger 1 are different	Replace if frequently happens, and cannot recover after re-start(Pic needed)

Faulty Code	Description	Solution
SCI Fault	When the port which used for programing and debugging is broken,this fault will happen	Replace if frequently happens, and cannot recover after re-start(Pic needed)
CAN1 Fault	the communication between two boards is disconnected.	Contact SolaX
PV Config Fault	The setting of PV connection is wrong	Contact SolaX
Inv EEPROM Fault	The ROM of the internal circuit is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Relay Fault	The internal Relay is Broken.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
sample Fault	Sample data of two chips on the same board are different	Replace if frequently happens, and cannot recover after re-start(Pic needed)
RCD Fault	Residue current device is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Fan1 Fault	FAN 1 is fault	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Fan2 Fault	FAN 2 is fault	Replace if frequently happens, and cannot recover after re-start(Pic needed)
AC HTC Fault	The internal CT of AC plug is damaged.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Over load Fault	Loads are exceed the standard value	Contact SolaX
EPS OCP Fault	The over current protection of EPS output	Contact SolaX
DCI Device Fault	The DCI current sensor is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
EPS Relay Fault	The relay of EPS side is dammaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
TZ Protect Fault	Protect internal over current of hardware	Contact SolaX
Grid lost Fault	There is no electricity on the AC side	Contact SolaX
Grid Volt Fault	The voltage on AC side is not in the range	Contact SolaX
Grid Freq Fault	The frequency on AC side is not in the range	Contact SolaX
PLL Lost Fault	This fault is caused by the local grid	Replace if frequently happens, and cannot recover after re-start(Pic needed)
BUS Volt Fault	BUS voltage is higher than the maxmium value	Contact SolaX
ACSM Volt Fault	The AC grid voltage more than the required value and last 5 minutes will give this alarm	Contact SolaX
Inv OCP Fault	protect inverter for over current.	Contact SolaX
PV Volt Fault	PV voltage is too high	Contact SolaX
AC10M Volt Fault	The AC grid voltage more than the required value and last 5 minutes will give this alarm	Contact SolaX
Isolation Fault	The impedance between PV(+) PV(-)and ground is too low.	Contact SolaX
Temp Over Fault	Internal temperature of inverter is too high	Contact SolaX
Other device Fault	The other device is damaged	Contact SolaX
Fan2 Speed Fault	Speed of FAN2 is abnormal	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 Can Fault	Communication between charger 1 and inverter is damaged	Contact SolaX
C1 Temp High	The temperature of charger 1 is too high	Contact SolaX
C1 FAN Fault	The FAN of charger 1 is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 TZ Fault	Internal over current of hardware of charger 1	Contact SolaX
C1 EEPROM Fault	The ROM of charger 1 in the internal circuit is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 HTC1 Fault	The HALL CT1 of charger 1 is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 HTC2 Fault	The HALL CT2 of charger 1 is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 BUS OVP	BUS voltage of charger 1 is higher than the maxmium value	Contact SolaX
C1 Temp Low	The temperature of charger 1 is too low	Contact SolaX
C1 Boost OVP	Boost over voltage is protected by charger 1	Contact SolaX
C1 Bat OVP	The battery voltage to charger is too high	Contact SolaX
C1 Charger OCP	Over current of charger 1 is detected	Contact SolaX
C1 Boost OCP	Over current of boost of charger 1 is detected	Contact SolaX
CT Fault	Something wrong about current transformer	Contact SolaX
RC Fault	Residual current is in the wrong value	Replace if frequently happens, and cannot recover after re-start(Pic needed)
DCI OCP Fault	The protection of the DCI current	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Other device Fault	The other device is damaged	Contact SolaX
SW OCP Fault	Protect inverter for over current.	Contact SolaX
DM 9000 Fault	The Ethernet communication chip is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
RTC Fault	Setting of time is wrong	Contact SolaX
Mgr EEPROM Fault	The ROM of manager board is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Mgr CAN Fault	The communication of manager board is wrong	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 SPI Fault	The communication between two boards of charger 1 is wrong	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 TZ Fault	Internal over current of hardware of charger 1	Contact SolaX
C1 FAN Fault	The FAN of charger 1 is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
C1 sample Fault	Sample data of two chips on the same board of charger 1 are different	Replace if frequently happens, and cannot recover after re-start(Pic needed)

Faulty Code	Description	Solution
ISO Lation Fault	The impedance between PV(+) PV(-) and ground is too low.	Contact SolaX
Leakage Detecting	Earth leakage current is beyond the range	Contact SolaX
Grid Fault	The grid voltage and frequency is fault.	Contact SolaX
No Utility	Off to grid. The cable is disconnected.	Contact SolaX
Ground I Fault	Earth leakage current is too high	Contact SolaX
PV Over Voltage	PV voltage is too high	Contact SolaX
Consistent Fault	There are two CPU in the communication module. When these two CPU cannot communicate or the data are different, this fault will happen.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Relay Fault	The internal Relay is Broken.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
DC INJ High	DC input current is higher than the set value.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
EEPROM Fault	The ROM of the internal circuit is out of order.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
SCI Fault	When the port which used for programming and debugging is broken, this fault will happen	Replace if frequently happens, and cannot recover after re-start(Pic needed)
DC Bus High	BUS voltage is higher than the maximum value	Contact SolaX
AC Sensor Fault	During the checking time, the current in Hall CT is too low.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
GFCI Fault	Earth leakage current protection	Replace if frequently happens, and cannot recover after re-start(Pic needed)

Faulty Code	Description	Solution
Inv EEPROM Fault	The internal memory chip is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Relay Fault	The internal relay is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
sample Fault	There are two CPU in the communication module. When the two CPUs cannot communicate or the detected data are different,this fault will happen.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
RCD Fault	Residual current detection device is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
AC HCT Fault	The AC HALL current sensor is damaged	Contact SolaX
DC1/2 HCT Fault	The DC HALL current sensor is damaged	Contact SolaX
DCI Fault	The DC injection current is beyond normal range	Contact SolaX
TZ Protect Fault	over current flow through hardware protection	Contact SolaX
Grid Lost Fault	The grid voltage cannot be detected, due to the loose connection or disconnection of the AC terminal	Contact SolaX
Grid Volt Fault	The Grid voltage is abnormal	Contact SolaX
Grid Freq Fault	The grid frequency is abnormal	Contact SolaX
PLL Lost Fault	The phase lock loop is abnormal due to the grid fluctuation.	Replace if frequently happens, and cannot recover after re-start(Pic needed)
BUS Volt Fault	The Bus voltage is beyond the maximum value,ensure the PV voltage is within the normal range	Contact SolaX
AC5M Volt Fault	The AC grid voltage more than the required value and last 5 minutes will give this alarm	Contact SolaX
Inv OCP Fault	The protection activated when the AC current beyond the maximum value	Contact SolaX
DCI OCP Fault	The protection activated when the DC current beyond the maximum value	Replace if frequently happens, and cannot recover after re-start(Pic needed)
RC Fault	The residual current beyond the normal range	Replace if frequently happens, and cannot recover after re-start(Pic needed)
PV Volt Fault	The PV voltage is beyond the normal range	Contact SolaX
AC10M Volt Fault	The AC grid voltage more than the required value and last 10 minutes will give this alarm	Contact SolaX
Isolation Fault	The impedance between PV(+) PV(-)and ground is too low.	Contact SolaX
Temp Over Fault	Internal temperature of inverter is too high	Contact SolaX
Other device Fault	The other device is damaged	Contact SolaX
SW OCP Fault	Protect inverter for over current.	Contact SolaX
RTC Fault	Setting of time is wrong	Contact SolaX
Mgr EEPROM Fault	The ROM of manager board is damaged	Replace if frequently happens, and cannot recover after re-start(Pic needed)
Mgr CAN Fault	The communication of manager board is wrong	Replace if frequently happens, and cannot recover after re-start(Pic needed)
SPI Fault	SPI communication fault inside the PCB board	Replace if frequently happens, and cannot recover after re-start(Pic needed)
SCI Fault	When the port which used for programing and debugging is broken,this fault will happen	Replace if frequently happens, and cannot recover after re-start(Pic needed)
CAN1 Fault	The communication between two boards is disconnected.	Contact SolaX
PV Config Fault	The setting of PV connection is wrong	Contact SolaX