

Error code	Reason
110	Fanin detect speed error
111	Fanout detect speed error
120	Fanin speed error (Deviation 2000+)
121	Fanout speed error (Deviation 2000+)
130	Fanin speed error (Deviation 3000+)
131	Fanout speed error (Deviation 3000+)
140	Fan speed is too high
200	Power probing error, no power found
201	Power supply and configuration file mismatch
202	Power output voltage error
203	Power protecting
204	Power current protecting
205	Power current error
206	Power input voltage is low
207	Power input current protecting
210	Power error status
213	Power input voltage and current do not match the power
233	Power output over temperature protection
234	Power output over temperature protection
235	Power output over temperature protection
236	Overcurrent Protection of Power Output
237	Overcurrent Protection of Power Output

238	Overcurrent Protection of Power Output
239	Overvoltage Protection of Power Output
240	Low Voltage Protection for Power Output
241	Power output current imbalance
243	Over-temperature Protection for Power Input
244	Over-temperature Protection for Power Input
245	Over-temperature Protection for Power Input
246	Overcurrent Protection for Power Input
247	Overcurrent Protection for Power Input
248	Overvoltage Protection for Power Input
249	Overvoltage Protection for Power Input
250	Undervoltage Protection for Power Input
251	Undervoltage Protection for Power Input
253	Power Fan Error
254	Power Fan Error
255	Protection of over power output
256	Protection of over power output
257	Input over current protection of power supply primary side
263	Power communication warning
264	Power communication error
267	Power watchdog protection
268	Power output over-current protection
269	Power input over-current protection
270	Power input over-voltage protection
271	Power input under-voltage protection
272	Warning of excessive power output of power supply

273	Power input power too high warning
274	Power fan warning
275	Power over temperature warning
300	SM0 temperature sensor detection error
301	SM1 temperature sensor detection error
302	SM2 temperature sensor detection error
320	SM0 temperature reading error
321	SM1 temperature reading error
322	SM2 temperature reading error
329	Control board temperature sensor communication error
350	SM0 temperature protecting
351	SM1 temperature protecting
352	SM2 temperature protecting
410	SM0 detect eeprom error
411	SM1 detect eeprom error
412	SM2 detect eeprom error
420	SM0 parser eeprom error
421	SM1 parser eeprom error
422	SM2 parser eeprom error
430	SM0 chip bin type error
431	SM1 chip bin type error
432	SM2 chip bin type error
440	SM0 eeprom chip num X error
441	SM1 eeprom chip num X error
442	SM2 eeprom chip num X error
510	SM0 miner type error
511	SM1 miner type error
512	SM2 miner type error
530	SM0 not found

520	SM0 bin type error
521	SM1 bin type error
522	SM2 bin type error
531	SM1 not found
532	SM2 not found
540	SM0 reading chip id error
541	SM1 reading chip id error
542	SM2 reading chip id error
550	SM0 have bad chips
551	SM1 have bad chips
552	SM2 have bad chips
560	SM0 loss balance
561	SM1 loss balance
562	SM2 loss balance
600	Environment temperature is high
610	If the ambient temperature is too high in high performance mode,
710	Control board rebooted as exception
712	Control board rebooted as exception
800	cgminer checksum error
801	system-monitor checksum error
802	remote-daemon checksum error
2010	All pools are disable
2020	Pool0 connect failed
2021	Pool1 connect failed
2022	Pool2 connect failed




processing method		PSU Error code
Check whether the fan connection is normal, or replace the power supply, or replace the fan		0x0001
Check whether the fan connection is normal, or replace the power supply, or replace the fan		0x0002
Check whether the fan connection is normal, or replace the power supply, or replace the fan		0x0004
Check whether the fan connection is normal, or replace the power supply, or replace the fan		0x0008
Check whether the fan connection is normal, or replace the power supply, or replace the fan		0x0010
Check whether the fan connection is normal, or replace the power supply, or replace the fan		0x0020
Please check the environment temperature		0x0040
		0x0080
Detecting power output wiring, updating the latest firmware, or replacing power supply		0x0100
Replace the correct power supply		0x0200
Upgrade the latest firmware or check the power supply		0x0400
Please check the environment temperature		0x0800
Please check the environment temperature		0x1000
Inspection of power supply in power grid		0x2000
Improve power supply conditions and input voltage		
Improve power supply conditions and input voltage		
Check power failure code		
Replace the power		
Please check the environment temperature		
Please check the environment temperature		
Please check the environment temperature		
Please check the environment temperature, check copper row screw		
Please check the environment temperature, check copper row screw		

Please check the environment temperature, check copper row screw		
Inspection of power supply in power grid		
Inspection of power supply in power grid		
Replace the power		
Please check the environment temperature		
Please check the environment temperature		
Please check the environment temperature		
Please check the environment temperature		
Please check the environment temperature		
Inspection of power supply in power grid		
Inspection of power supply in power grid		
Inspection of power supply in power grid		
Inspection of power supply in power grid		
Replacing power		
Replacing power		
Please check the environment temperature		
Please check the environment temperature		
Try to power off and restart, no effect to replace the power supply		
Check whether the screws of the control board are locked		
Check whether the screws of the control board are locked		
Contact the technician in time		
Check the ambient temperature, check the copper bar screw		
Improve power supply conditions and input voltage		
Inspection of power supply in power grid		
Inspection of power supply in power grid		
Please check the environment temperature		



Please check the environment temperature		
Check if the power fan is blocked and may need to be replaced		
Please check the environment temperature		
Check the connection of the hashboard		
Check the connection of the hashboard		
Check the connection of the hashboard		
Check whether the control board screw is locked properly, check the connection board and the		
Check whether the control board screw is locked properly, check the connection board and the		
Check whether the control board screw is locked properly, check the connection board and the		
Replace the power supply		
Please check the environment temperature		
Please check the environment temperature		
Please check the environment temperature		
Check adapter board and wiring contact		
Check adapter board and wiring contact		
Check adapter board and wiring contact		
Contact the technician in time		
Contact the technician in time		
Contact the technician in time		
Contact the technician in time		
Contact the technician in time		
Contact the technician in time		
Contact the technician in time		
Contact the technician in time		
Contact the technician in time		
The version and type of hashboard are inconsistent, replace the correct hashboard		
The version and type of hashboard are inconsistent, replace the correct hashboard		
The version and type of hashboard are inconsistent, replace the correct hashboard		
Check the connection and arrangement of the adapter board, or replace the control board, check whether the hash board connector is empty welded		

The chip type of the hashrate board is inconsistent, replace the correct hashrate board		
The chip type of the hashrate board is inconsistent, replace the correct hashrate board		
The chip type of the hashrate board is inconsistent, replace the correct hashrate board		
Check the connection and arrangement of the adapter board, or replace the control board, check whether the hash board connector is empty welded		
Check the connection and arrangement of the adapter board, or replace the control board, check whether the hash board connector is empty welded		
Check adapter board and wiring contact, Clean the dust on the hashboard		
Check adapter board and wiring contact, Clean the dust on the hashboard		
Check adapter board and wiring contact, Clean the dust on the hashboard		
Replacement of bad chips		
Replacement of bad chips		
Replacement of bad chips		
Plug in the adapter plate, and then screw in the power connection hashboard again		
Plug in the adapter plate, and then screw in the power connection hashboard again		
Plug in the adapter plate, and then screw in the power connection hashboard again		
Please check the environment temperature		
Check the ambient temperature, high performance mode needs to be controlled below 30 °C		
Updating the latest firmware.Check whether the control board screw is locked properly		
Updating the latest firmware.Check whether the control board screw is locked properly		
Re upgrade firmware		
Re upgrade firmware		
Re upgrade firmware		
Please check the network or pools configure		
Please check the network or pools configure		
Please check the network or pools configure		
Please check the network or pools configure		





Reason	processing method		
Input voltage is too low, need improvement	Check the power supply		
Temperature sampling over temperature protection of power radiator	Power on again after 10 minutes of power failure. If it occurs again,		
Temperature sampling over temperature protection of power radiator	Power on again after 10 minutes of power failure. If it occurs again,		
Over temperature protection of environmental temperature sampling in	Power on again after 10 minutes of power failure. If it occurs again,		
Primary side over current	Power on again after 10 minutes of power failure. If it occurs again,		
Output undervoltage	Check the power supply		
Output over current (continuous load 320A for more than 2S)	Tighten the copper bar screw again		
Primary side over current	Power on again after 10 minutes of power failure. If it occurs again,		
Single circuit overcurrent (protection point 120a)	Check the power supply		
Single circuit overcurrent (protection point 120a)	Check the power supply		
Single circuit overcurrent (protection point 120a)	Check the power supply		
Fan failure	Replace the power supply		
Output over current (continuous load of 310A for more than 5min)	Check the power supply		
Output over current (continuous load 295A for more than 10min)	Check the power supply		











