

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
216	Power remained unchanged for a long
217	Power set enable error
218	Power input voltage is lower than 230V for high power mode
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
360	The temperature of the hashboard is
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
450	SM0 eeprom xfer error
451	SM1 eeprom xfer error
452	SM2 eeprom xfer 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,
701	Control board no support chip
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

2000	No pool information configured
2010	All pools are disable
2020	Pool0 connect failed
2021	Pool1 connect failed
2022	Pool2 connect failed
2030	High rejection rate of pool
2040	The pool does not support the asicboost mode
2310	Hash rate is too low
2320	Hash rate is too low
2340	The loss of hash rate is too high
2350	The loss of hash rate is too high
5110	SM0 Frequency Up Timeout
5111	SM1 Frequency Up Timeout
5112	SM2 Frequency Up Timeout
5070	SM0 water velocity is abnormal
5071	SM1 water velocity is abnormal
5072	SM2 water velocity is abnormal
8410	Software version error (M2x miner with M3x firmware, or M3x with M2x
100001	/antiv/signature Illegal
100002	/antiv/dig/initd.dig Illegal
100003	/antiv/dig/pf_partial.dig Illegal
PSU Error code	Reason
0x0001	Input voltage is too low, need improvement
0x0002	Temperature sampling over temperature protection of power
0x0004	Temperature sampling over temperature protection of power
0x0008	Over temperature protection of environmental temperature sampling
0x0010	Primary side over current

processing method				
Check whether the fan connection is normal, or replace the power supply, or replace the fan				
Check whether the fan connection is normal, or replace the power supply, or replace the fan				
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Check whether the fan connection is normal, or replace the power supply, or replace the fan				
Check whether the fan connection is normal, or replace the power supply, or replace the fan				
Check whether the fan connection is normal, or replace the power supply, or replace the fan				
Please check the environment temperature				
Detecting power output wiring, updating the latest firmware, or replacing power supply				
Replace the correct power supply				
Upgrade the latest firmware or check the power supply				
Please check the environment temperature				
Please check the environment temperature				
Inspection of power supply in power grid				
Improve power supply conditions and input voltage				
Improve power supply conditions and input voltage				
Check power failure code				
Replace the power				
Replace the power				
Replace the power				
Increase input voltage, replace power supply				
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				
Please check the environment temperature				
Check adapter board and wiring contact				
Check adapter board and wiring contact				
Check adapter board and wiring contact				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Upgrade firmware				
Check adapter board and wiring contact.Upgrade firmware				
Check adapter board and wiring contact.Upgrade firmware				
Check adapter board and wiring contact.Upgrade firmware				
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				
Re-plug adapter board and ribbon contact, or swap the slot of hash board to check whether error code				
Re-plug adapter board and ribbon contact, or swap the slot of hash board to check whether error code				
Re-plug adapter board and ribbon contact, or swap the slot of hash board to check whether error code				
Replacement of bad chips				
Replacement of bad chips				
Replacement of bad chips				
Re-plug adapter board and ribbon contact, or swap the slot of hash board to check whether error code				
Re-plug adapter board and ribbon contact, or swap the slot of hash board to check whether error code				
Re-plug adapter board and ribbon contact, or swap the slot of hash board to check whether error code				
Please check the environment temperature				
Check the ambient temperature, high performance mode needs to be controlled below 30 °C				
Upgrade the corresponding type of firmware				
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				

Check pool configuration				
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				
Please check the network or pools configure. Setting of mining currency				
Check pool configuration				
Check input voltage, network environment, and ambient temperature				
Check input voltage, network environment, and ambient temperature				
Check input voltage, network environment, and ambient temperature				
Check input voltage, network environment, and ambient temperature				
Reboot				
Reboot				
Reboot				
Check if the water flow is normal				
Check if the water flow is normal				
Check if the water flow is normal				
Upgrade to the correct firmware version				
Upgrade the latest firmware or burn the card				
Upgrade the latest firmware or burn the card				
Upgrade the latest firmware or burn the card				
processing method				
Check the power supply				
Power on again after 10 minutes of power failure. If it occurs again, replace the power supply				
Power on again after 10 minutes of power failure. If it occurs again, replace the power supply				
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