

Tutorial de configuración del firmware de Byteon

2025/06

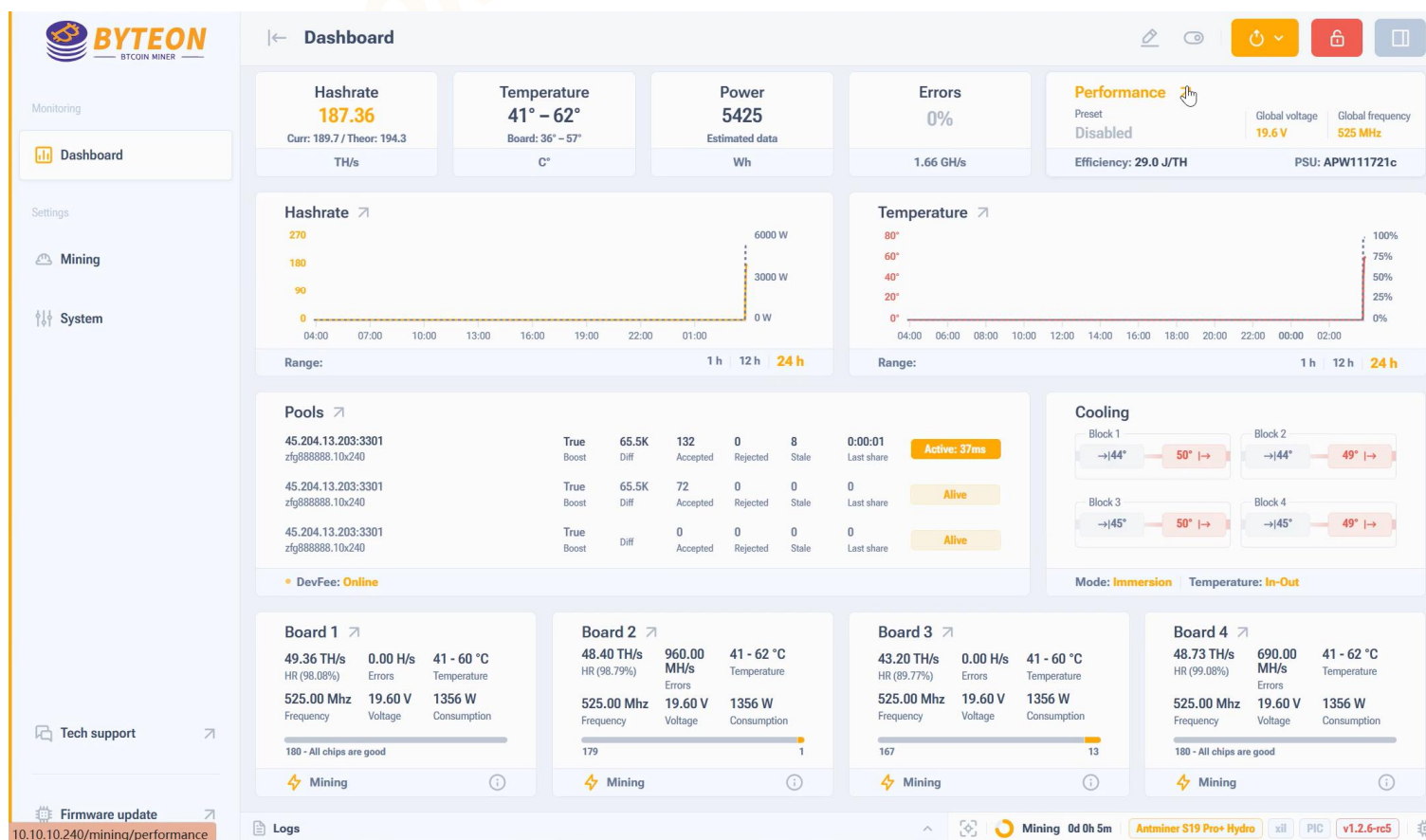
Byteon

Parte Uno

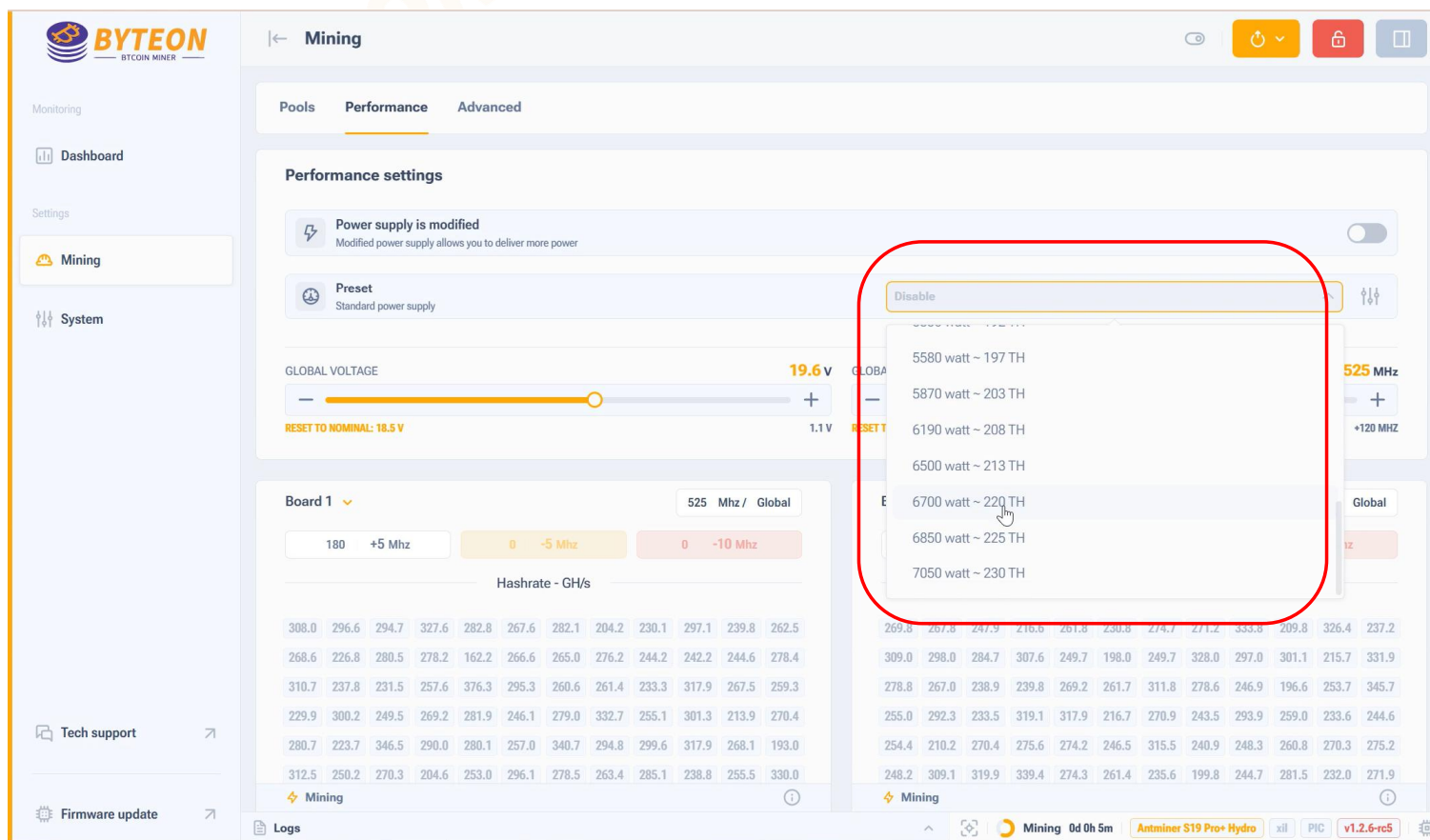
Configuración de datos de rendimiento

[Dashboard] -> Haga clic ↗ para abrir los detalles del rendimiento

Rendimiento



[Mining] -> Rendimiento -> Programar -> Seleccione la tasa de hash preestablecida



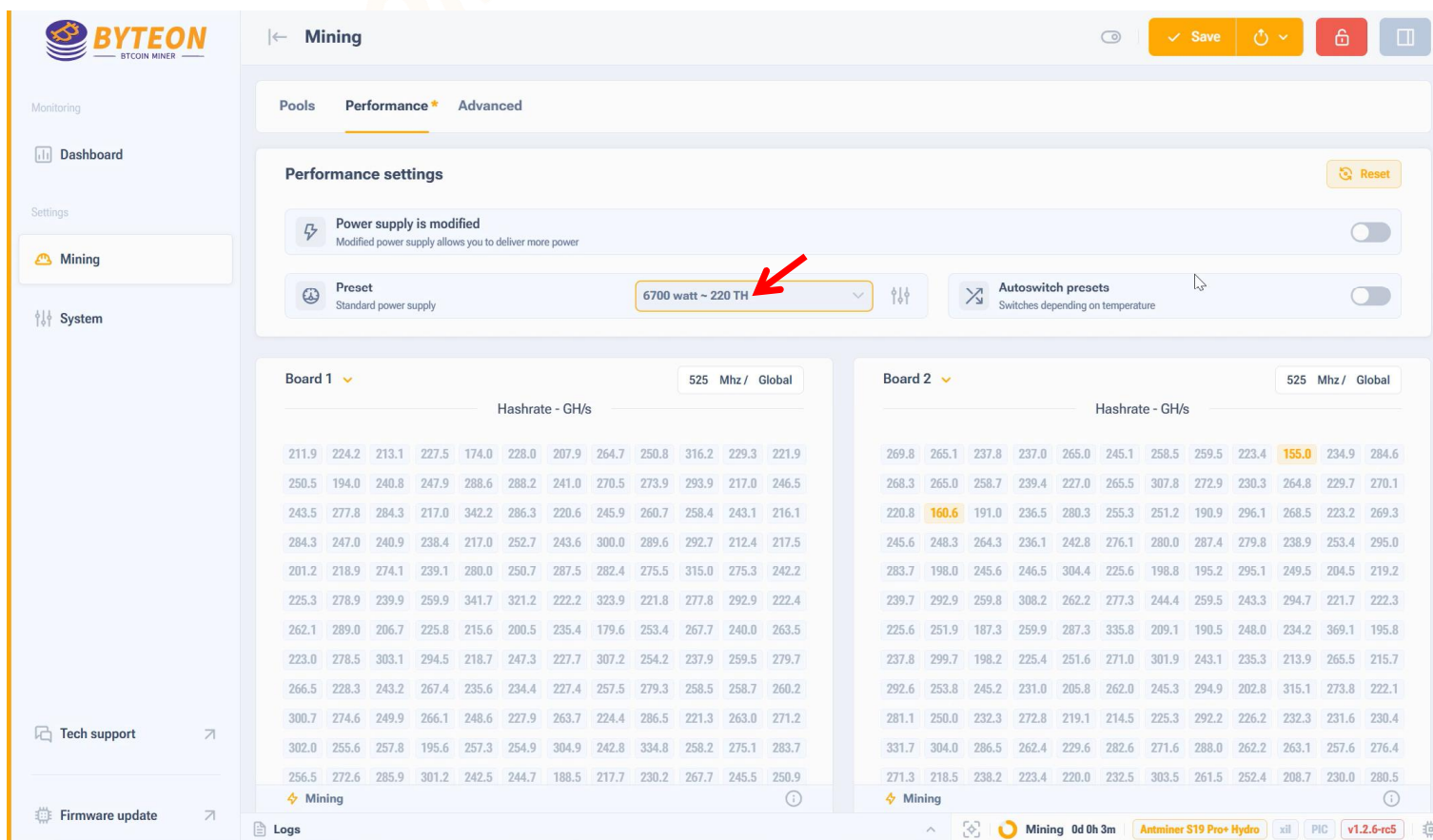
The screenshot shows the 'Mining' section of the Byteon Bitcoin Miner interface. The 'Performance' tab is selected. Under 'Performance settings', there is a 'Preset' section with a dropdown menu. The dropdown menu is open, showing a list of presets with their power consumption and hash rate. A red circle highlights the dropdown menu.

Power (watt)	Hash Rate (TH)
5580	~ 197 TH
5870	~ 203 TH
6190	~ 208 TH
6500	~ 213 TH
6700	~ 220 TH
6850	~ 225 TH
7050	~ 230 TH

The interface also shows a 'GLOBAL VOLTAGE' slider set to 19.6 V, a 'Board 1' dropdown menu, and a 'Hashrate - GH/s' table with multiple columns of data.

Seleccione el nivel de potencia y tasa de hash, actualícelo desde la tasa de hash nominal.

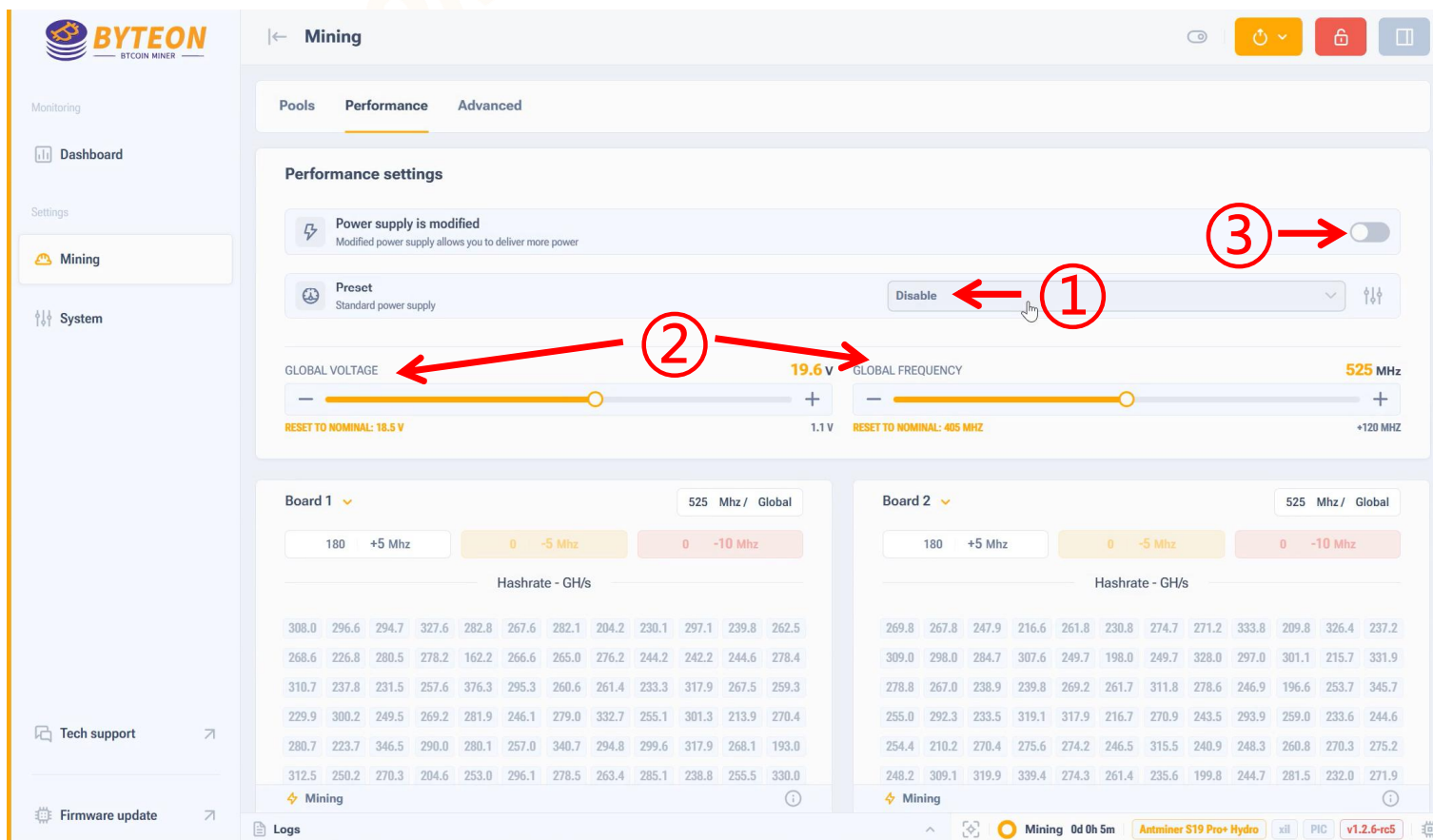
[Mining] -> Rendimiento -> Programar -> Seleccione la tasa de hash preestablecida



The screenshot shows the 'Mining' section of the Byteon Bitcoin Miner interface. The 'Performance' tab is selected, and the 'Preset' dropdown menu is set to '6700 watt ~ 220 TH'. A red arrow points to this selection. The interface also displays a table of hash rates for two boards, Board 1 and Board 2, with values ranging from 201.2 to 302.0 GH/s. The 'Autoswitch presets' toggle is also visible.

Selecciona los datos preestablecidos. Guarda y reinicia la minería. El minero comenzará a descalibrarse.

[Mining] -> Rendimiento -> DIY Programar - Minero entero



The screenshot shows the 'Mining' interface with the 'Performance' tab selected. The 'Performance settings' section includes a 'Power supply is modified' toggle (labeled 3), a 'Preset' dropdown menu (labeled 1), and sliders for 'GLOBAL VOLTAGE' (labeled 2) and 'GLOBAL FREQUENCY'. Below these are two boards, Board 1 and Board 2, each with a 'Hashrate - GH/s' table.

Board 1 Hashrate - GH/s:

308.0	296.6	294.7	327.6	282.8	267.6	282.1	204.2	230.1	297.1	239.8	262.5
268.6	226.8	280.5	278.2	162.2	266.6	265.0	276.2	244.2	242.2	244.6	278.4
310.7	237.8	231.5	257.6	376.3	295.3	260.6	261.4	233.3	317.9	267.5	259.3
229.9	300.2	249.5	269.2	281.9	246.1	279.0	332.7	255.1	301.3	213.9	270.4
280.7	223.7	346.5	290.0	280.1	257.0	340.7	294.8	299.6	317.9	268.1	193.0
312.5	250.2	270.3	204.6	253.0	296.1	278.5	263.4	285.1	238.8	255.5	330.0

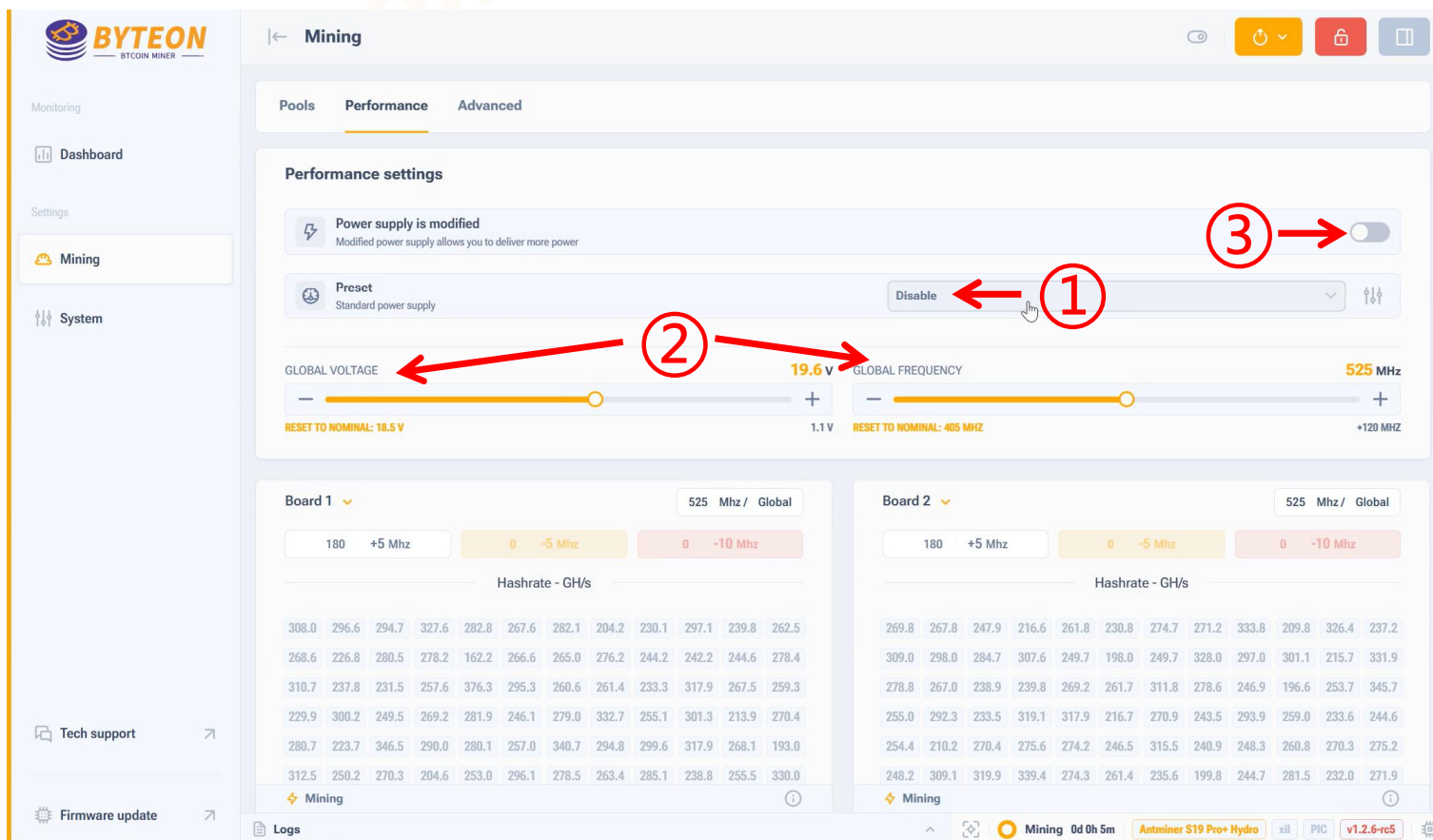
Board 2 Hashrate - GH/s:

269.8	267.8	247.9	216.6	261.8	230.8	274.7	271.2	333.8	209.8	326.4	237.2
309.0	298.0	284.7	307.6	249.7	198.0	249.7	328.0	297.0	301.1	215.7	331.9
278.8	267.0	238.9	239.8	269.2	261.7	311.8	278.6	246.9	196.6	253.7	345.7
255.0	292.3	233.5	319.1	317.9	216.7	270.9	243.5	293.9	259.0	233.6	244.6
254.4	210.2	270.4	275.6	274.2	246.5	315.5	240.9	248.3	260.8	270.3	275.2
248.2	309.1	319.9	339.4	274.3	261.4	235.6	199.8	244.7	281.5	232.0	271.9

Si reemplazó la fuente de alimentación de overclocking, ábrala ③

Deshabilitar ① ajuste preestablecido para cambiar el voltaje y la frecuencia DIY ② para todo el minero.

[Mining] -> Rendimiento -> DIY Preset - Dashboard



Performance settings

Power supply is modified
Modified power supply allows you to deliver more power

Preset
Standard power supply

GLOBAL VOLTAGE: 19.6 V
RESET TO NOMINAL: 18.5 V

GLOBAL FREQUENCY: 525 MHz
RESET TO NOMINAL: 405 MHz

Board 1: 525 Mhz / Global
Hashrate - GH/s

308.0	296.6	294.7	327.6	282.8	267.6	282.1	204.2	230.1	297.1	239.8	262.5
268.6	226.8	280.5	278.2	162.2	266.6	265.0	276.2	244.2	242.2	244.6	278.4
310.7	237.8	231.5	257.6	376.3	295.3	260.6	261.4	233.3	317.9	267.5	259.3
229.9	300.2	249.5	269.2	281.9	246.1	279.0	332.7	255.1	301.3	213.9	270.4
280.7	223.7	346.5	290.0	280.1	257.0	340.7	294.8	299.6	317.9	268.1	193.0
312.5	250.2	270.3	204.6	253.0	296.1	278.5	263.4	285.1	238.8	255.5	330.0

Board 2: 525 Mhz / Global
Hashrate - GH/s

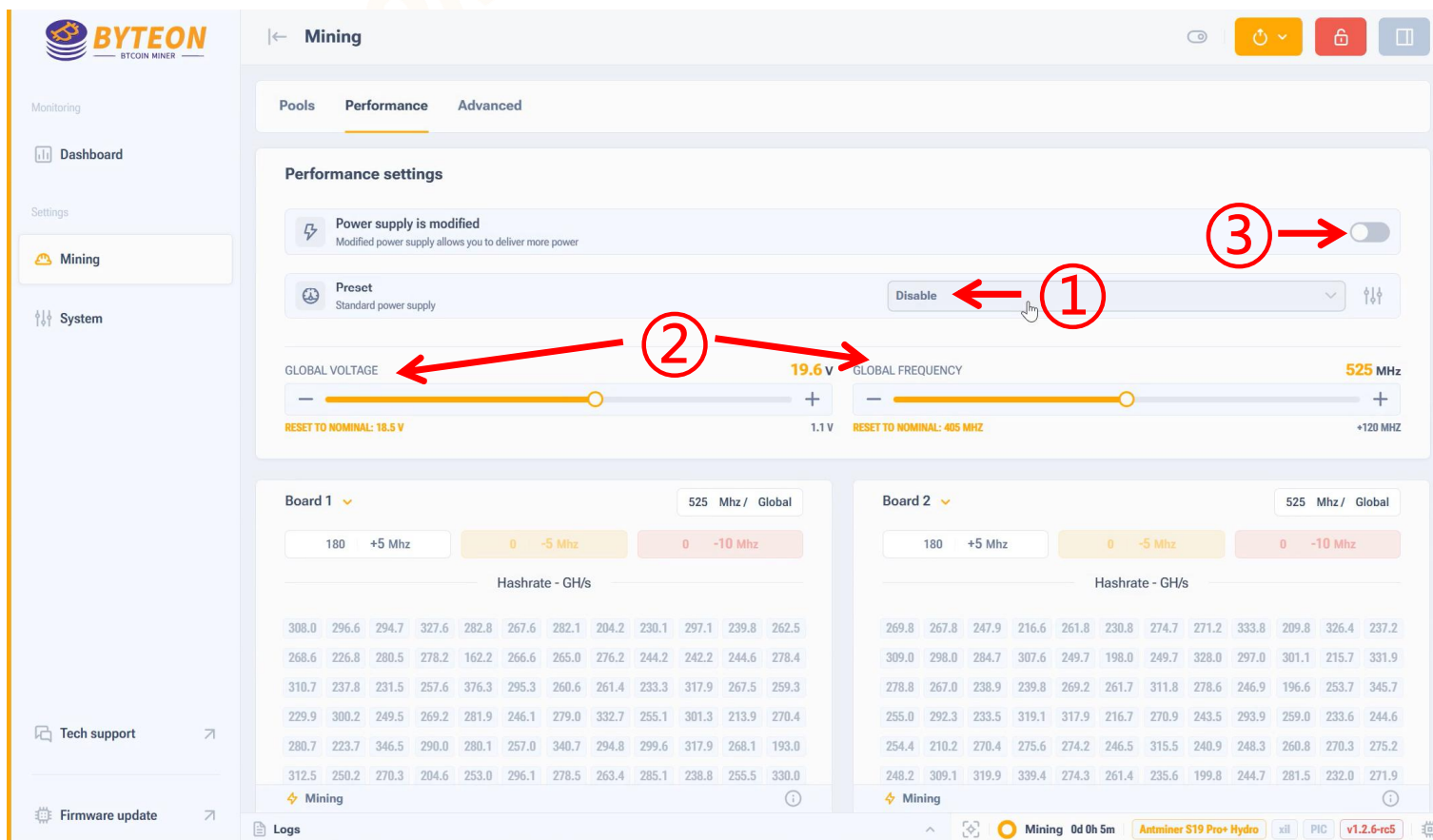
269.8	267.8	247.9	216.6	261.8	230.8	274.7	271.2	333.8	209.8	326.4	237.2
309.0	298.0	284.7	307.6	249.7	198.0	249.7	328.0	297.0	301.1	215.7	331.9
278.8	267.0	238.9	239.8	269.2	261.7	311.8	278.6	246.9	196.6	253.7	345.7
255.0	292.3	233.5	319.1	317.9	216.7	270.9	243.5	293.9	259.0	233.6	244.6
254.4	210.2	270.4	275.6	274.2	246.5	315.5	240.9	248.3	260.8	270.3	275.2
248.2	309.1	319.9	339.4	274.3	261.4	235.6	199.8	244.7	281.5	232.0	271.9

Mining: 0d 0h 5m Antminer S19 Pro+ Hydro x11 PIC v1.2.6-rc5

Si reemplazó la fuente de alimentación de overclocking, ábrala ③

Deshabilitar ① ajuste preestablecido para cambiar el voltaje y la frecuencia DIY ② para todo el minero.

[Mining] -> Rendimiento -> DIY Programar - Domain&Chips



Performance settings

Power supply is modified
Modified power supply allows you to deliver more power

Preset
Standard power supply

GLOBAL VOLTAGE: 19.6 V
RESET TO NOMINAL: 18.5 V

GLOBAL FREQUENCY: 525 MHz
RESET TO NOMINAL: 405 MHz

Board 1: 525 Mhz / Global
Hashrate - GH/s

308.0	296.6	294.7	327.6	282.8	267.6	282.1	204.2	230.1	297.1	239.8	262.5
268.6	226.8	280.5	278.2	162.2	266.6	265.0	276.2	244.2	242.2	244.6	278.4
310.7	237.8	231.5	257.6	376.3	295.3	260.6	261.4	233.3	317.9	267.5	259.3
229.9	300.2	249.5	269.2	281.9	246.1	279.0	332.7	255.1	301.3	213.9	270.4
280.7	223.7	346.5	290.0	280.1	257.0	340.7	294.8	299.6	317.9	268.1	193.0
312.5	250.2	270.3	204.6	253.0	296.1	278.5	263.4	285.1	238.8	255.5	330.0

Board 2: 525 Mhz / Global
Hashrate - GH/s

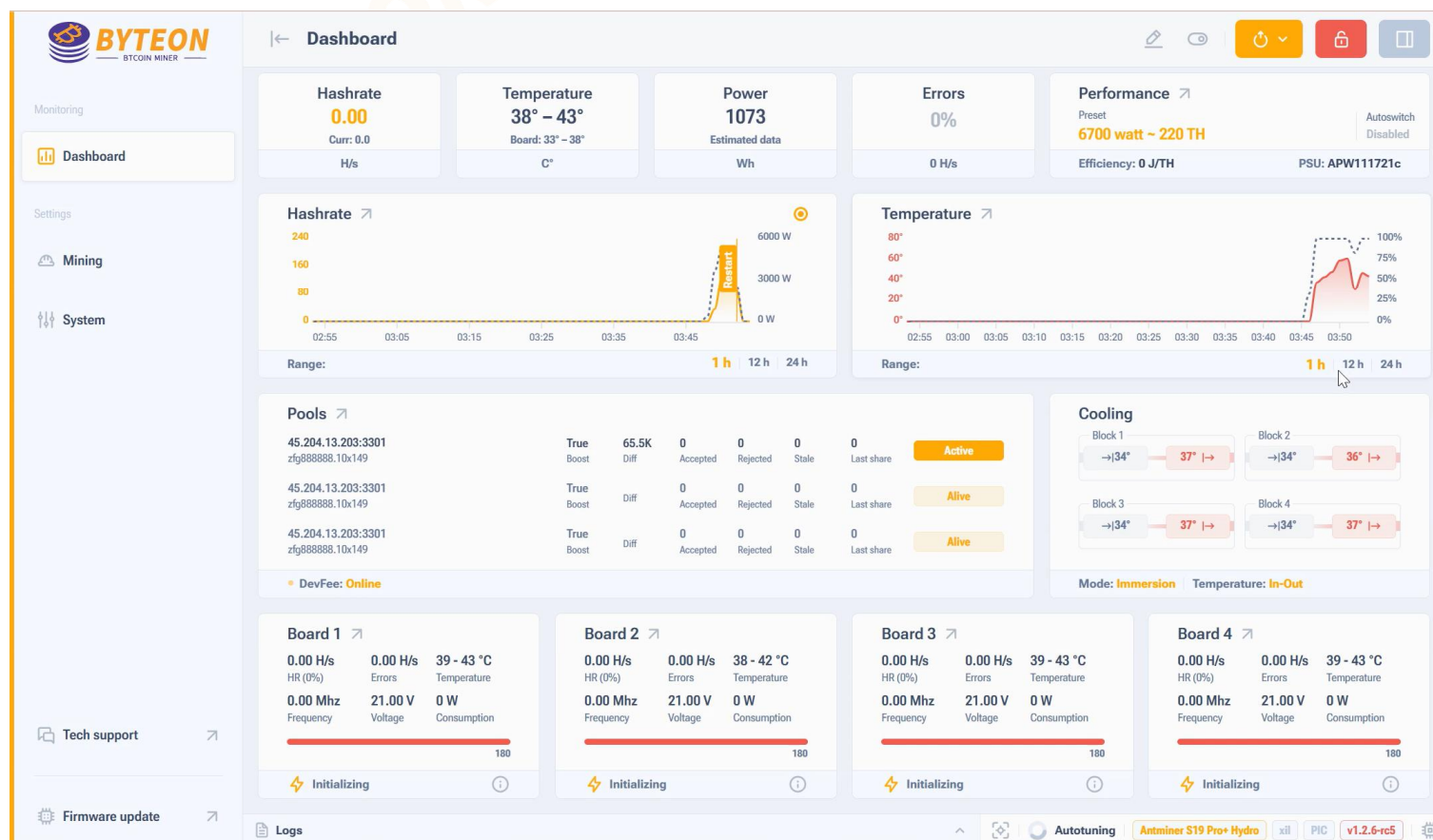
269.8	267.8	247.9	216.6	261.8	230.8	274.7	271.2	333.8	209.8	326.4	237.2
309.0	298.0	284.7	307.6	249.7	198.0	249.7	328.0	297.0	301.1	215.7	331.9
278.8	267.0	238.9	239.8	269.2	261.7	311.8	278.6	246.9	196.6	253.7	345.7
255.0	292.3	233.5	319.1	317.9	216.7	270.9	243.5	293.9	259.0	233.6	244.6
254.4	210.2	270.4	275.6	274.2	246.5	315.5	240.9	248.3	260.8	270.3	275.2
248.2	309.1	319.9	339.4	274.3	261.4	235.6	199.8	244.7	281.5	232.0	271.9

Antminer S19 Pro+ Hydro x11 PIC v1.2.6-rc5

Si reemplazó la fuente de alimentación de overclocking, ábrala ③

Deshabilitar ① ajuste preestablecido para cambiar el voltaje y la frecuencia DIY ② para todo el minero.

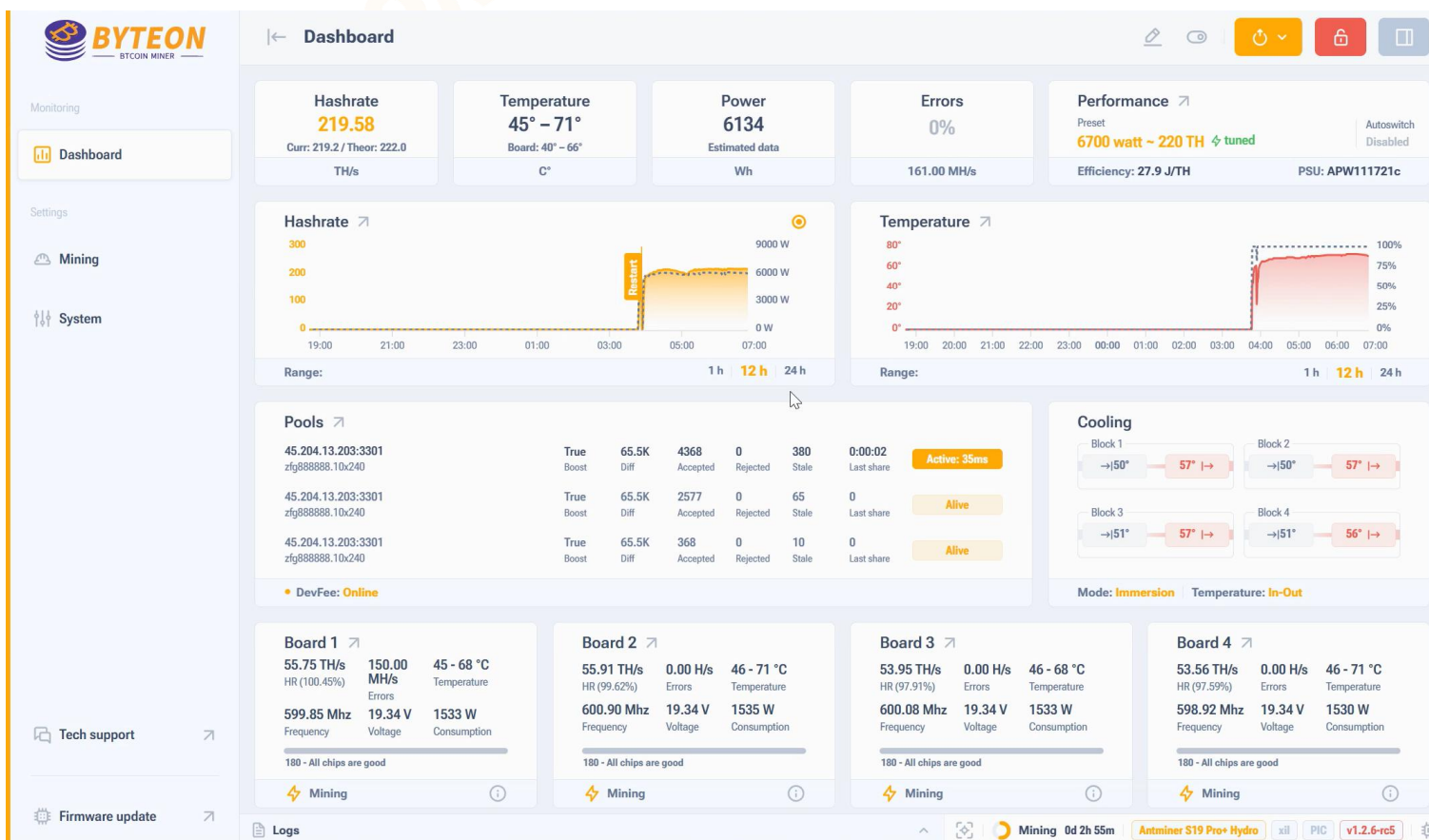
[Dashboard] -> Estado minero



Autoajuste

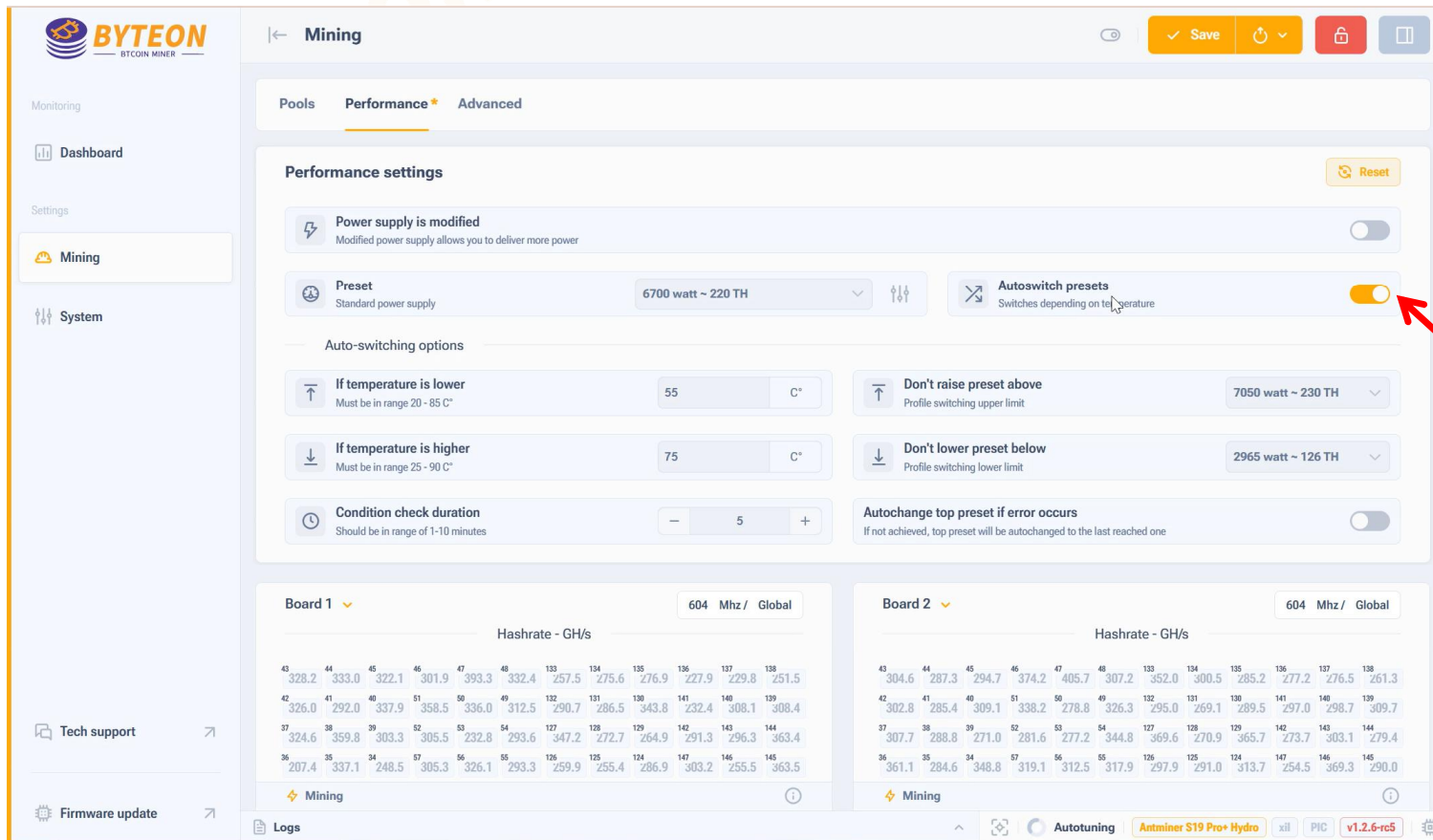
Se estima que costará entre 2 y 3 horas

[Dashboard] -> Estado minero



Sintonizado, el minero ejecutará el hashrate establecido

[Mining] -> Rendimiento -> Ajustes preestablecidos de cambio automático



The screenshot shows the 'Mining' settings page in the Byteon Bitcoin Miner interface. The 'Performance' tab is selected, and the 'Autoswitch presets' toggle is turned on, indicated by a red arrow. The interface displays various performance metrics and settings for two boards.

Performance settings

- Power supply is modified:** Modified power supply allows you to deliver more power. (Toggle: Off)
- Preset:** Standard power supply. 6700 watt ~ 220 TH. (Dropdown: 6700 watt ~ 220 TH)
- Autoswitch presets:** Switches depending on temperature. (Toggle: On)

Auto-switching options

- If temperature is lower:** Must be in range 20 - 85 C°. 55 C°.
- If temperature is higher:** Must be in range 25 - 90 C°. 75 C°.
- Condition check duration:** Should be in range of 1-10 minutes. 5 minutes.
- Don't raise preset above:** Profile switching upper limit. 7050 watt ~ 230 TH.
- Don't lower preset below:** Profile switching lower limit. 2965 watt ~ 126 TH.
- Autochange top preset if error occurs:** If not achieved, top preset will be autochanged to the last reached one. (Toggle: Off)

Board 1 Hashrate - GH/s

43	328.2	44	333.0	45	322.1	46	301.9	47	393.3	48	332.4	133	257.5	134	275.6	135	276.9	136	227.9	137	229.8	138	251.5
42	326.0	41	292.0	40	337.9	51	358.5	50	336.0	49	312.5	132	290.7	131	286.5	130	343.8	141	232.4	140	308.1	139	308.4
37	324.6	38	359.8	39	303.3	52	305.5	53	232.8	54	293.6	127	347.2	128	272.7	129	264.9	142	291.3	143	296.3	144	363.4
36	207.4	35	337.1	34	248.5	57	305.3	56	326.1	55	293.3	126	259.9	125	255.4	124	286.9	147	303.2	146	255.5	145	363.5

Board 2 Hashrate - GH/s

43	304.6	44	287.3	45	294.7	46	374.2	47	405.7	48	307.2	133	352.0	134	300.5	135	285.2	136	277.2	137	276.5	138	261.3
42	302.8	41	285.4	40	309.1	51	338.2	50	278.8	49	326.3	132	295.0	131	269.1	130	289.5	141	297.0	140	298.7	139	309.7
37	307.7	38	288.8	39	271.0	52	281.6	53	277.2	54	344.8	127	369.6	128	270.9	129	365.7	142	273.7	143	303.1	144	279.4
36	361.1	35	284.6	34	348.8	57	319.1	56	312.5	55	317.9	126	297.9	125	291.0	124	313.7	147	254.5	146	369.3	145	290.0

Los ajustes preestablecidos de cambio automático le permiten mantener un rendimiento y una estabilidad óptimos del dispositivo, minimizando la necesidad de ajustes manuales.

Parte Dos

Otra Operación

[Mining] -> Avanzado



Monitoring

Dashboard

Settings

Mining

System

Tech support

Firmware update

Mining

Pools
Performance
Advanced

You make any changes in this section at your own risk

Control

Restart mining if hash rate is lower
The hashrate threshold is set manually (0-99%)

disabled

%

Chips critical temperature
Recommended range 50-120°C, default: 90°

90

C°

Max restart attempts

3

Maximum delay time before mining startup
Range 0-300s, default: 0s

0

s

Minimum number of operational boards
Stop miner when the number of operational chains is less than

4

Others

Quick start

Check voltage setting

Check balance of voltage domains

Check integrity of chains

Adapt voltage to temperature

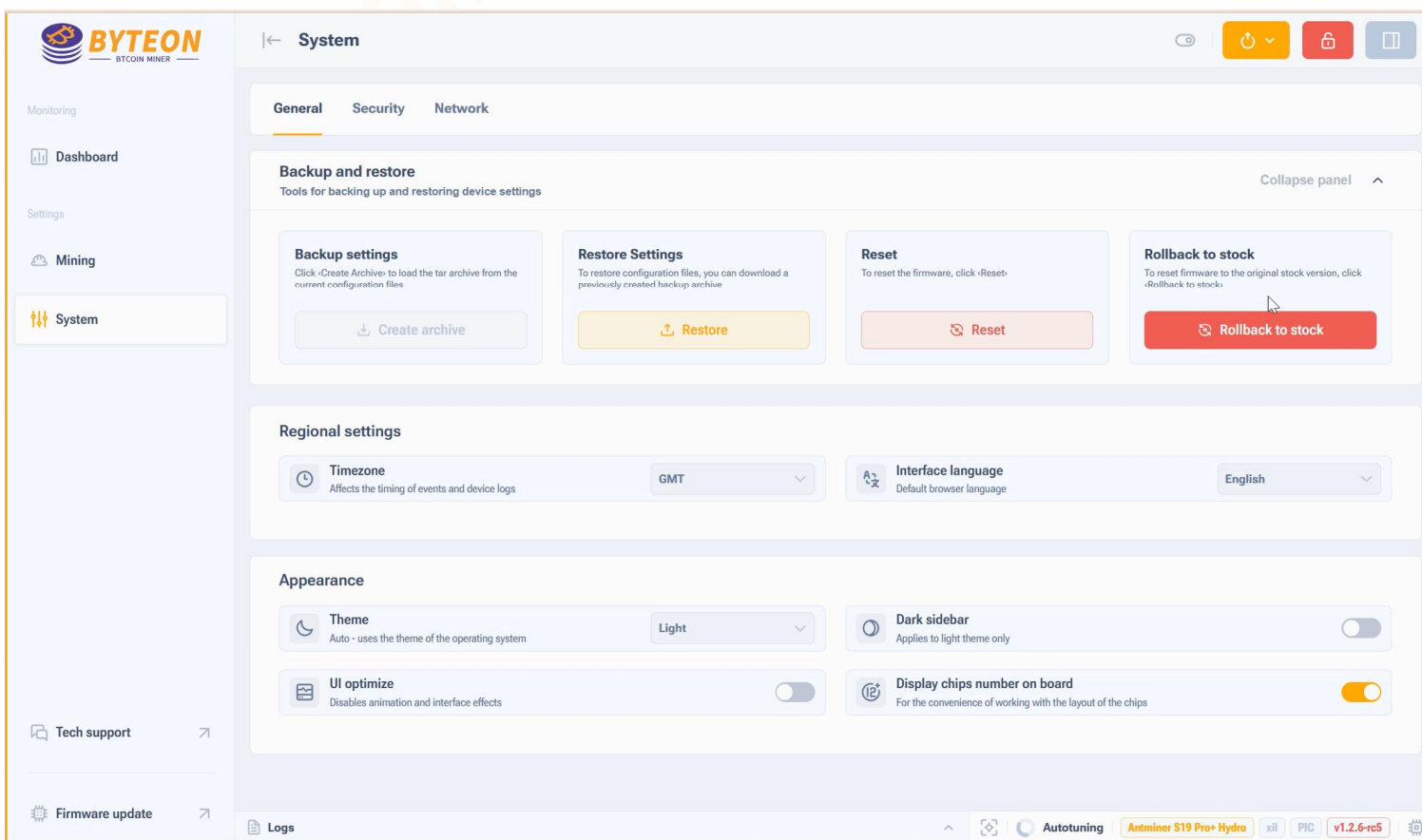
Resume mining after reboot

Downscale preset on failure
Automatic downscale preset in case of miner overheating or chain break error

Stop mining in case of faulty chain

Logs
Autotuning
Antminer S19 Pro+ Hydro
x11
PGO
v1.2.6-rc5

[System] -> General -> Copia de seguridad y restauración -> Revertir al stock



The screenshot displays the 'System' settings page of the Byteon Bitcoin Miner web interface. The left sidebar contains navigation links: Monitoring, Dashboard, Settings, Mining, System (highlighted), Tech support, and Firmware update. The main content area is titled 'System' and includes tabs for General, Security, and Network. Under the 'General' tab, there are three sections: 'Backup and restore' (with sub-sections for Backup settings, Restore Settings, Reset, and Rollback to stock), 'Regional settings' (with Timezone and Interface language), and 'Appearance' (with Theme, Dark sidebar, UI optimize, and Display chips number on board). The 'Rollback to stock' button is highlighted with a mouse cursor. The bottom status bar shows 'Autotuning', 'Antminer S19 Pro+ Hydro', 'x11', 'PIC', 'v1.2.6-rc5', and a gear icon.

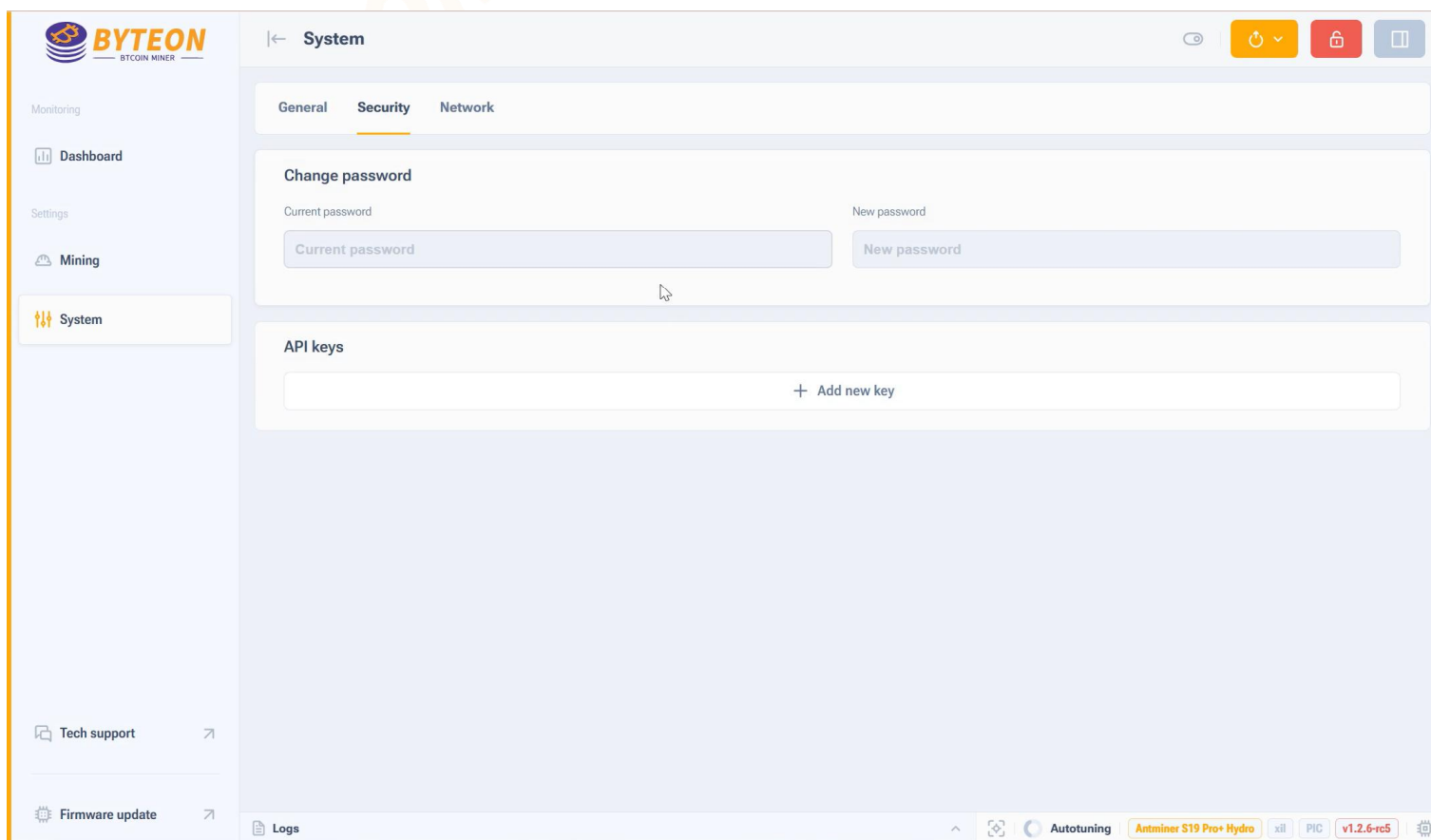
Copia de seguridad de la configuración

Restaurar configuración

Restablecer

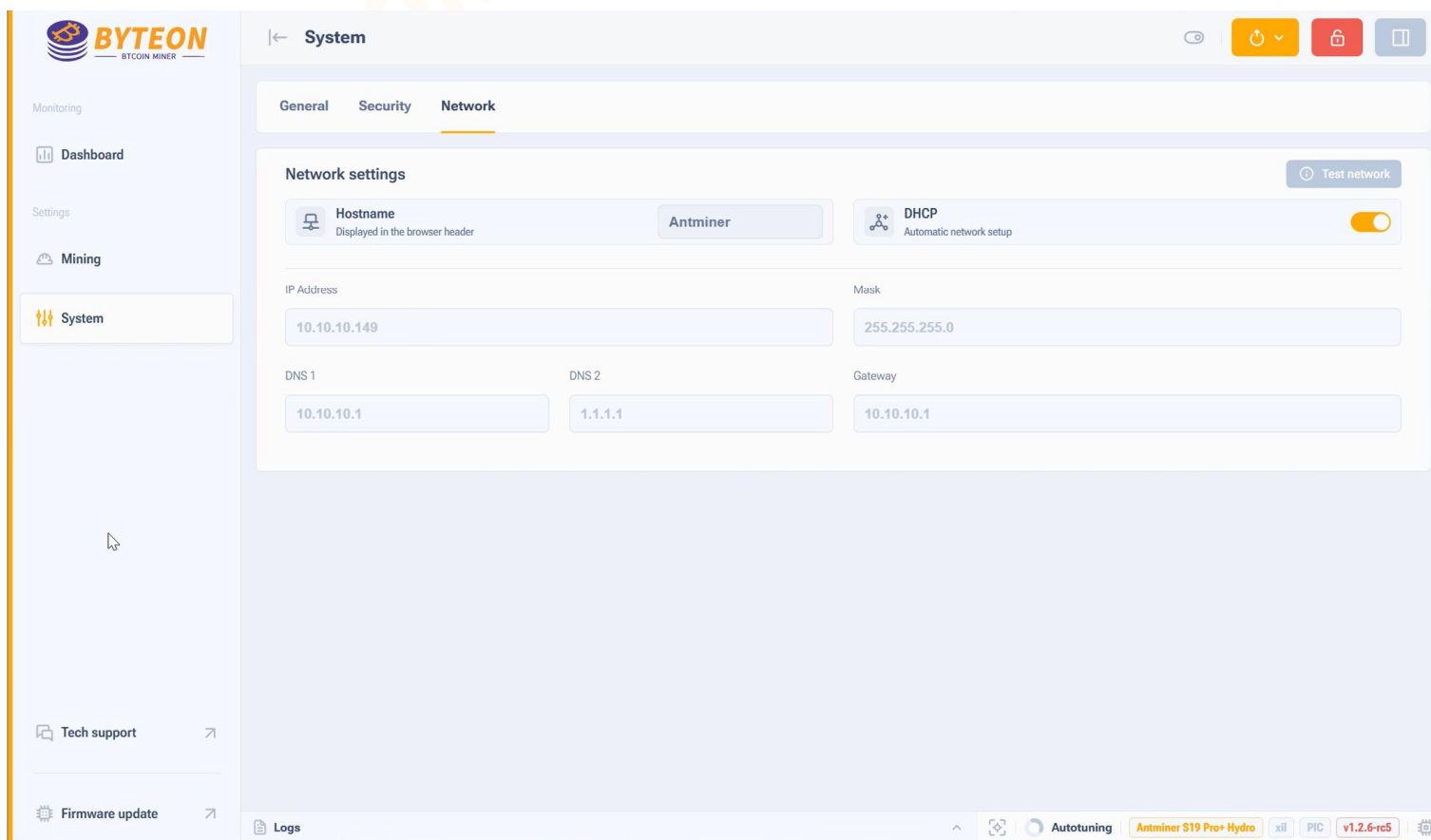
Volver a la configuración original

[System] -> Seguridad



The screenshot displays the Byteon Bitcoin Miner web interface. On the left is a sidebar with navigation links: Monitoring, Dashboard, Settings, Mining, System (highlighted), Tech support, and Firmware update. The main content area is titled 'System' and has tabs for General, Security (active), and Network. Under the Security tab, there is a 'Change password' section with input fields for 'Current password' and 'New password'. Below this is an 'API keys' section with a button to '+ Add new key'. At the bottom of the interface, there is a status bar showing 'Autotuning', 'Antminer S19 Pro+ Hydro', 'x11', 'PIC', 'v1.2.6-rc5', and a settings icon. A 'Logs' link is also visible in the bottom left of the main area.

[System] -> Red



The screenshot displays the Byteon Bitcoin Miner web interface. The left sidebar contains navigation links: Monitoring, Dashboard, Settings, Mining, System (highlighted), Tech support, and Firmware update. The main content area is titled 'System' and has tabs for General, Security, and Network. The Network settings page is active, showing fields for Hostname (Antminer), DHCP (enabled), IP Address (10.10.10.149), Mask (255.255.255.0), DNS 1 (10.10.10.1), DNS 2 (1.1.1.1), and Gateway (10.10.10.1). A 'Test network' button is located in the top right of the settings section. The bottom status bar shows 'Autotuning', 'Antminer S19 Pro+ Hydro', 'x11', 'PIC', 'v1.2.6-rc5', and a settings icon.

System

General Security **Network**

Network settings Test network

Hostname
Displayed in the browser header
Antminer

DHCP
Automatic network setup ☒

IP Address: 10.10.10.149
Mask: 255.255.255.0

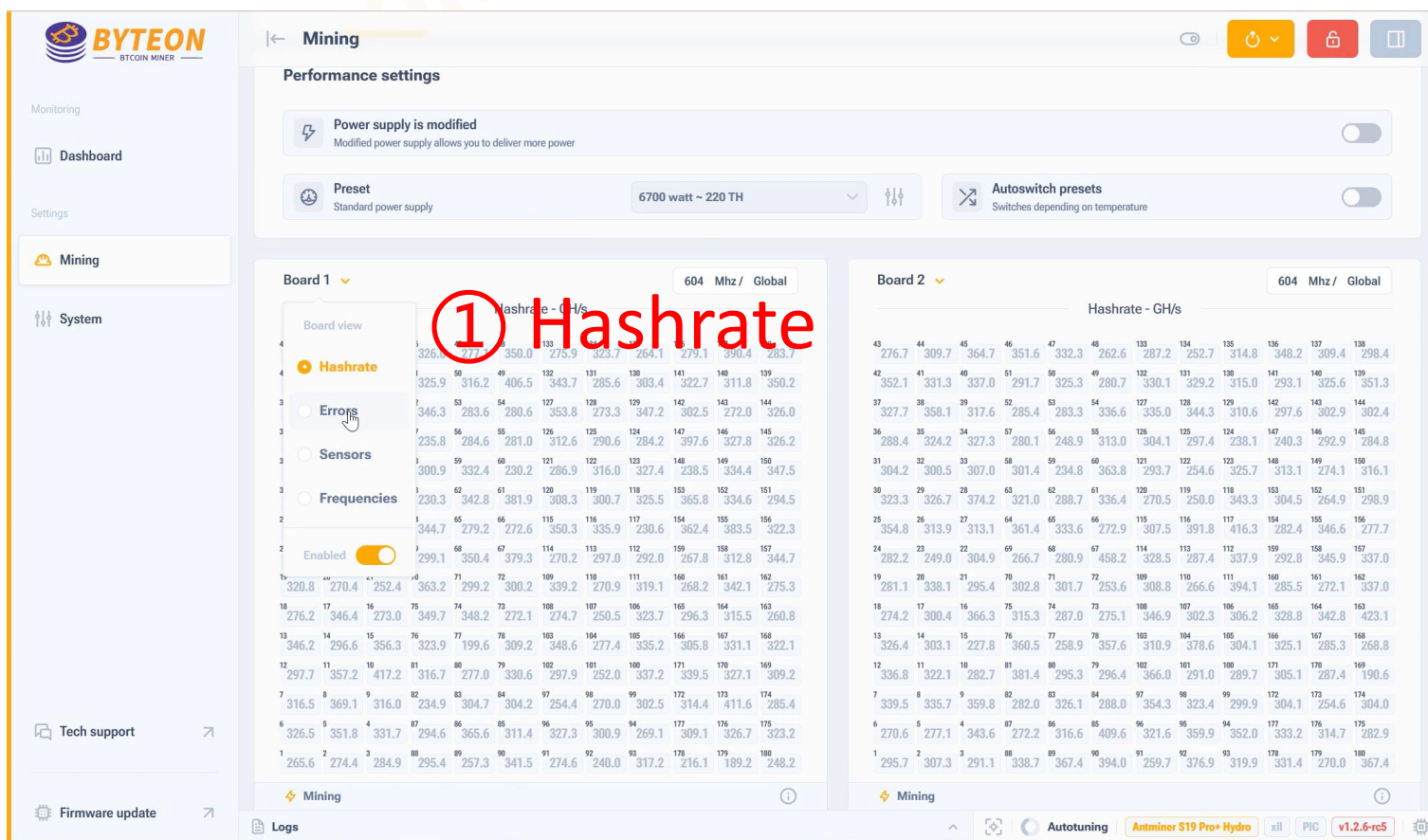
DNS 1: 10.10.10.1
DNS 2: 1.1.1.1
Gateway: 10.10.10.1

Logs Autotuning Antminer S19 Pro+ Hydro x11 PIC v1.2.6-rc5

Parte Tres

Revisar el Estado de Trabajo del
Minero

[Mining] - Configuración de rendimiento -> Información de los tableros

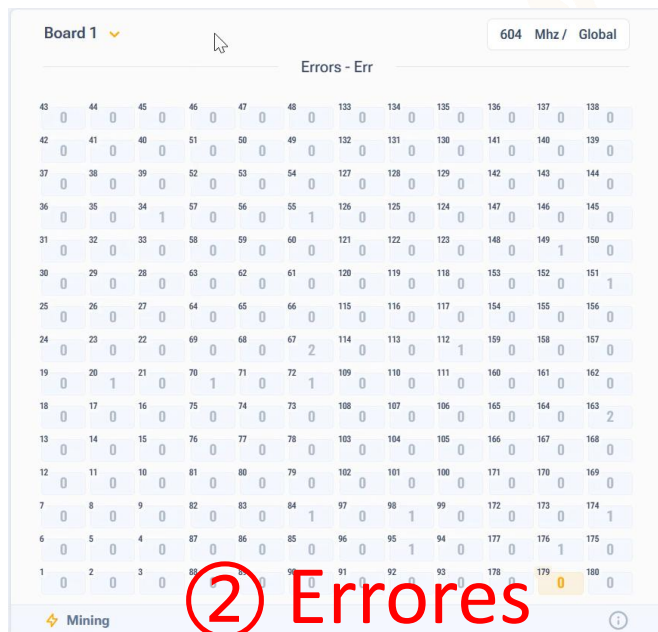


The screenshot shows the Byteon Mining dashboard. On the left is a sidebar with navigation options: Monitoring, Dashboard, Settings, Mining (selected), and System. The main area is titled 'Mining' and contains 'Performance settings' with a toggle for 'Power supply is modified', a 'Preset' dropdown set to '6700 watt ~ 220 TH', and an 'Autoswitch presets' toggle. Below this, two boards are displayed. 'Board 1' has a dropdown menu with 'Hashrate' (selected), 'Errors', 'Sensors', and 'Frequencies'. A red circle and arrow point to the 'Hashrate' option, with the text '① Hashrate' overlaid. Both boards show a grid of numerical data representing hash rates. At the bottom, there are buttons for 'Autotuning', 'Antminer S19 Pro+ Hydro', 'x11', 'PIC', and 'v1.2.6-rc5'.

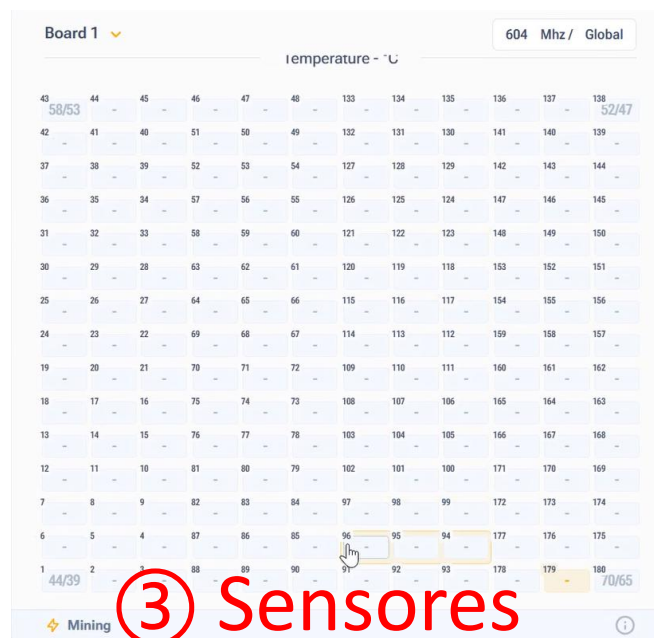
Vista del tablero:

- ① Tasa de hash
- ② Errores
- ③ Sensores
- ④ Frecuencias

[Mining] -> Configuración de rendimiento -> Información de los tableros



② Errores

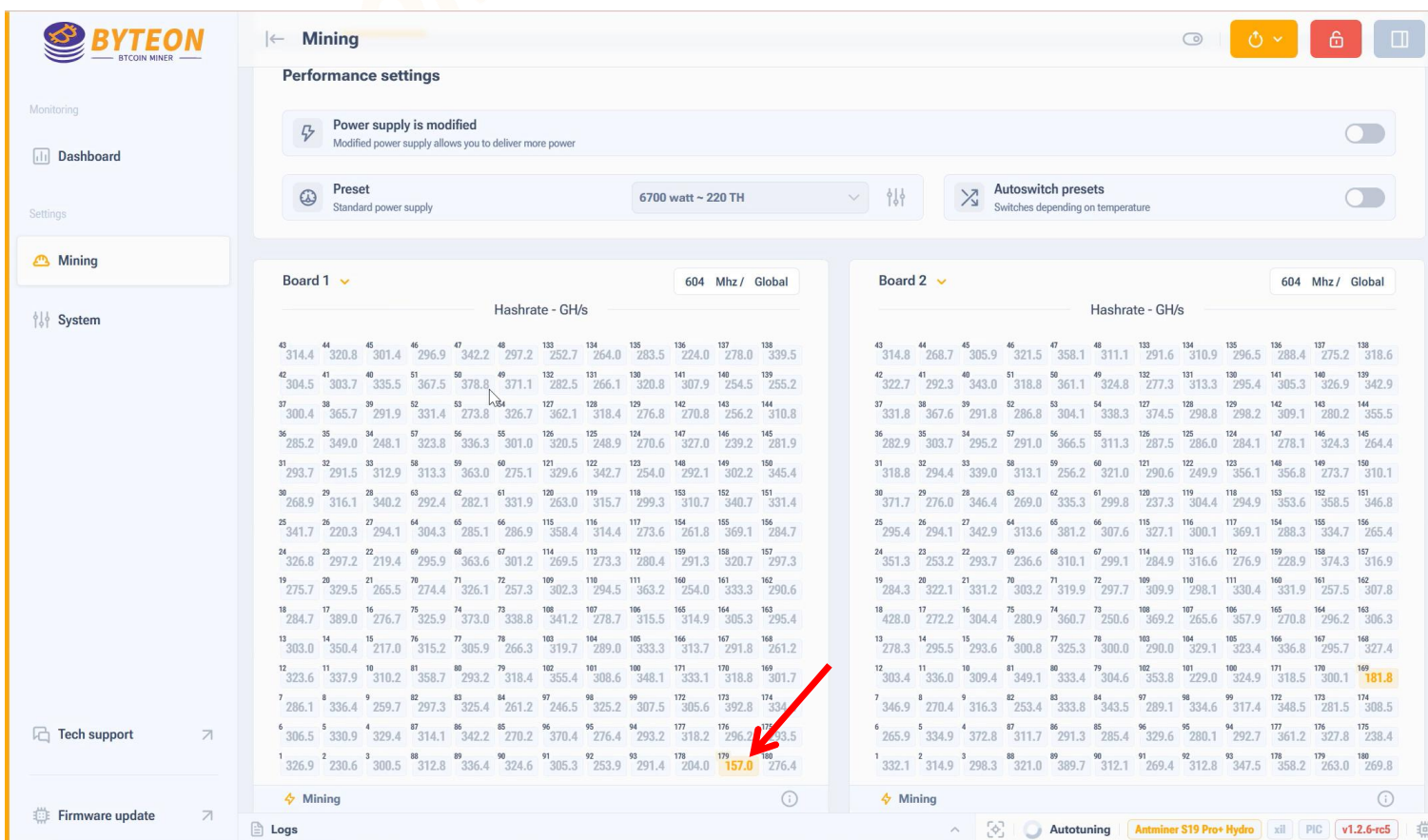


③ Sensores



④ Frecuencias

[Mining] -> Rendimiento -> Información de los tableros -> Chips débiles



The screenshot shows the Byteon Bitcoin Miner web interface. The left sidebar contains navigation links: Monitoring, Dashboard, Settings, Mining (selected), and System. The main content area is titled 'Mining' and includes 'Performance settings' with options for power supply modification, preset (6700 watt ~ 220 TH), and autoswitch presets. Below this, two boards are displayed with their respective chip data tables. A red arrow points to the value '157.0' in the 'Board 1' table, which is highlighted in yellow.

Board 1 (604 Mhz / Global)

43	314.4	44	320.8	45	301.4	46	296.9	47	342.2	48	297.2	133	252.7	134	264.0	135	283.5	136	224.0	137	278.0	138	339.5
42	304.5	41	303.7	40	335.5	39	367.5	38	378.8	37	371.1	132	282.5	131	266.1	130	320.8	129	307.9	128	254.5	127	255.2
37	300.4	36	365.7	35	291.9	34	331.4	33	273.8	32	326.7	127	362.1	126	318.4	125	276.8	124	270.8	123	256.2	122	310.8
36	285.2	35	349.0	34	248.1	33	323.8	32	336.3	31	301.0	126	320.5	125	248.9	124	270.6	123	327.0	122	239.2	121	281.9
31	293.7	30	291.5	29	312.9	28	313.3	27	363.0	26	275.1	121	329.6	120	342.7	119	254.0	118	292.1	117	302.2	116	345.4
30	268.9	29	316.1	28	340.2	27	292.4	26	282.1	25	331.9	115	263.0	114	315.7	113	299.3	112	310.7	111	340.7	110	331.4
25	341.7	24	220.3	23	294.1	22	304.3	21	285.1	20	286.9	115	358.4	114	314.4	113	273.6	112	261.8	111	369.1	110	284.7
24	326.8	23	297.2	22	219.4	21	295.9	20	363.6	19	301.2	114	269.5	113	273.3	112	280.4	111	291.3	110	320.7	109	297.3
19	275.7	18	329.5	17	265.5	16	274.4	15	326.1	14	257.3	109	302.3	108	294.5	107	363.2	106	254.0	105	333.3	104	290.6
18	284.7	17	389.0	16	276.7	15	325.9	14	373.0	13	338.8	108	341.2	107	278.7	106	315.5	105	314.9	104	305.3	103	295.4
13	303.0	12	350.4	11	217.0	10	315.2	9	305.9	8	266.3	103	319.7	102	289.0	101	333.3	100	313.7	99	291.8	98	261.2
12	323.6	11	337.9	10	310.2	9	358.7	8	293.2	7	318.4	97	355.4	96	308.6	95	348.1	94	333.1	93	318.8	92	301.7
7	346.9	6	336.4	5	259.7	4	297.3	3	325.4	2	261.2	92	246.5	91	325.2	90	307.5	89	305.6	88	392.8	87	334.4
6	306.5	5	330.9	4	329.4	3	314.1	2	342.2	1	270.2	87	370.4	86	276.4	85	293.2	84	318.2	83	296.2	82	345.5
1	326.9	0	230.6	3	300.5	2	312.8	1	336.4	0	324.6	80	305.3	79	253.9	78	291.4	77	204.0	76	157.0	75	276.4

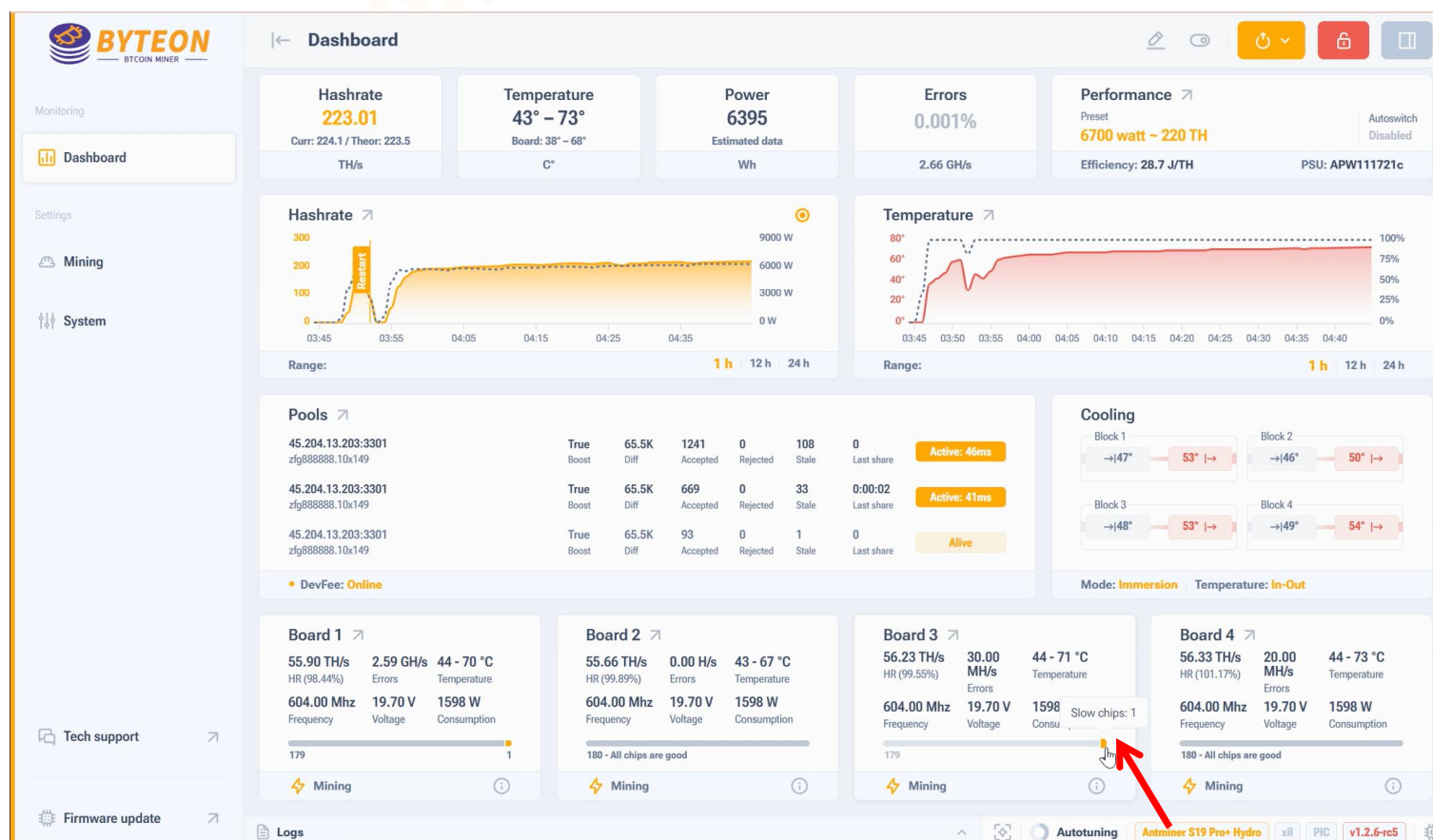
Board 2 (604 Mhz / Global)

43	314.8	44	268.7	45	305.9	46	321.5	47	358.1	48	311.1	133	291.6	134	310.9	135	296.5	136	288.4	137	275.2	138	318.6
42	322.7	41	292.3	40	343.0	39	318.8	38	361.1	37	324.8	132	277.3	131	313.3	130	295.4	129	305.3	128	326.9	127	342.9
37	331.8	36	367.6	35	291.8	34	286.8	33	304.1	32	338.3	127	374.5	126	298.8	125	298.2	124	309.1	123	280.2	122	355.5
36	282.9	35	303.7	34	295.2	33	291.0	32	366.5	31	311.3	126	287.5	125	286.0	124	284.1	123	278.1	122	324.3	121	264.4
31	318.8	30	294.4	29	339.0	28	313.1	27	256.2	26	321.0	121	290.6	120	249.9	119	356.1	118	356.8	117	273.7	116	310.1
30	371.7	29	276.0	28	346.4	27	269.0	26	335.3	25	299.8	118	237.3	117	304.4	116	294.9	115	353.6	114	358.5	113	346.8
25	295.4	24	294.1	23	342.9	22	313.6	21	381.2	20	307.6	115	327.1	114	300.1	113	369.1	112	288.3	111	334.7	110	265.4
24	351.3	23	253.2	22	293.7	21	236.6	20	310.1	19	299.1	114	284.9	113	316.6	112	276.9	111	228.9	110	374.3	109	316.9
19	284.3	18	322.1	17	331.2	16	303.2	15	319.9	14	297.7	109	309.9	108	298.1	107	330.4	106	331.9	105	257.5	104	307.8
18	428.0	17	272.2	16	304.4	15	280.9	14	360.7	13	250.6	108	369.2	107	265.6	106	357.9	105	270.8	104	296.2	103	306.3
13	278.3	12	295.5	11	293.6	10	300.8	9	325.3	8	300.0	103	290.0	102	329.1	101	323.4	100	336.8	99	295.7	98	327.4
12	303.4	11	336.0	10	309.4	9	349.1	8	333.4	7	304.6	97	353.8	96	229.0	95	324.9	94	318.5	93	300.1	92	181.8
7	346.9	6	270.4	5	316.3	4	253.4	3	333.8	2	343.5	92	289.1	91	334.6	90	317.4	89	348.5	88	281.5	87	308.5
6	265.9	5	334.9	4	372.8	3	311.7	2	291.3	1	285.4	87	329.6	86	280.1	85	292.7	84	361.2	83	327.8	82	238.4
1	332.1	0	314.9	3	298.3	2	321.0	1	389.7	0	312.1	80	269.4	79	312.8	78	347.5	77	358.2	76	263.0	75	269.8

Chips bajas - Naranja

Chips malos - Rojo

[Dashboard] -> Información de los tableros -> Chips débiles



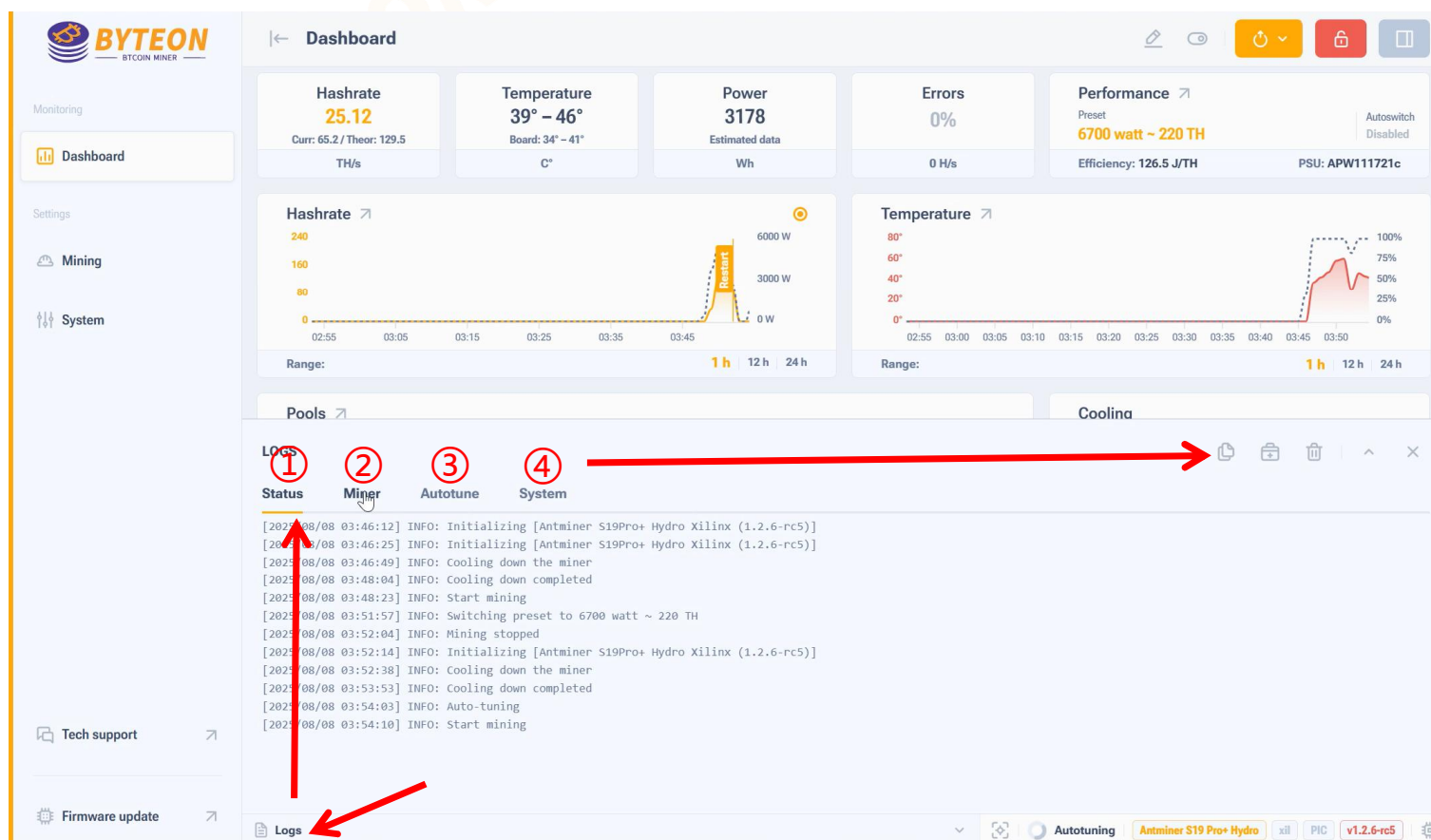
Chips bajas - Naranja

Chips malos - Rojo

Parte Cuatro

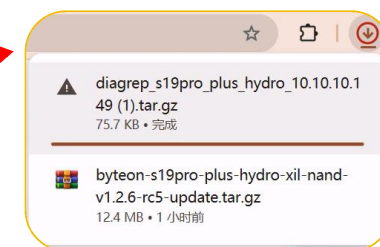
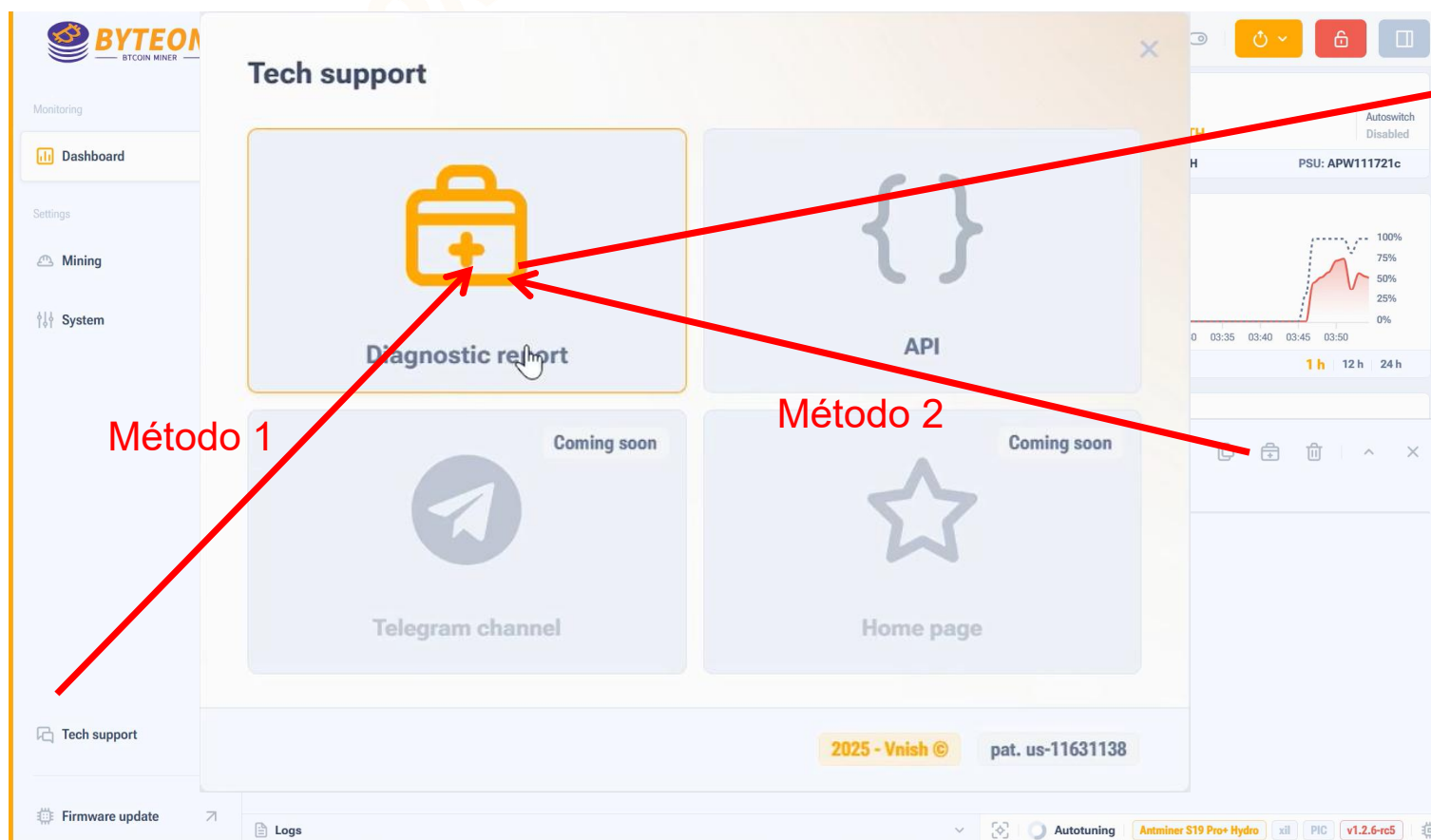
Copiar Registros e Informe de Diagnóstico

[Dashboard] -> Registros -> Estado / Minero / Autoajuste / Sistema -> Copiar



Copiar los registros en un archivo .txt

[Dashboard] -> Soporte técnico -> Informe de diagnóstico

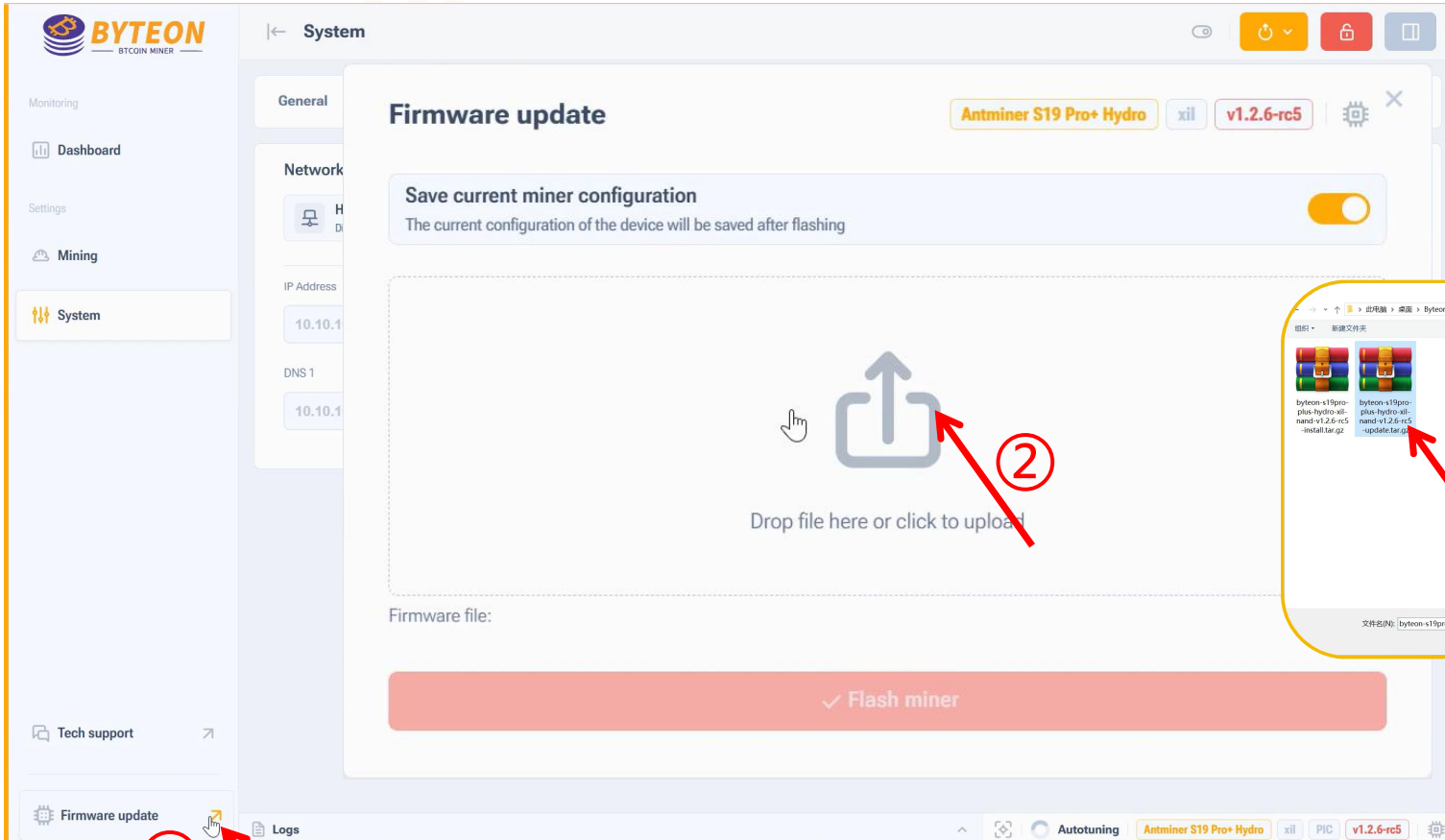


Informe de diagnóstico

Parte Cinco

Actualizar el Firmware

[Firmware update] Actualizar el firmware



Firmware update

Antminer S19 Pro+ Hydro xil v1.2.6-rc5

Save current miner configuration
The current configuration of the device will be saved after flashing

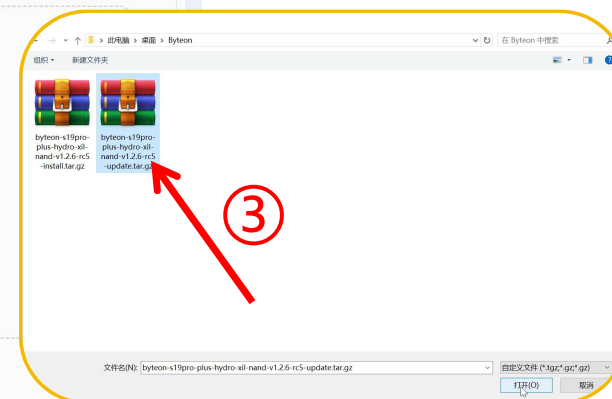
Drop file here or click to upload

Firmware file:

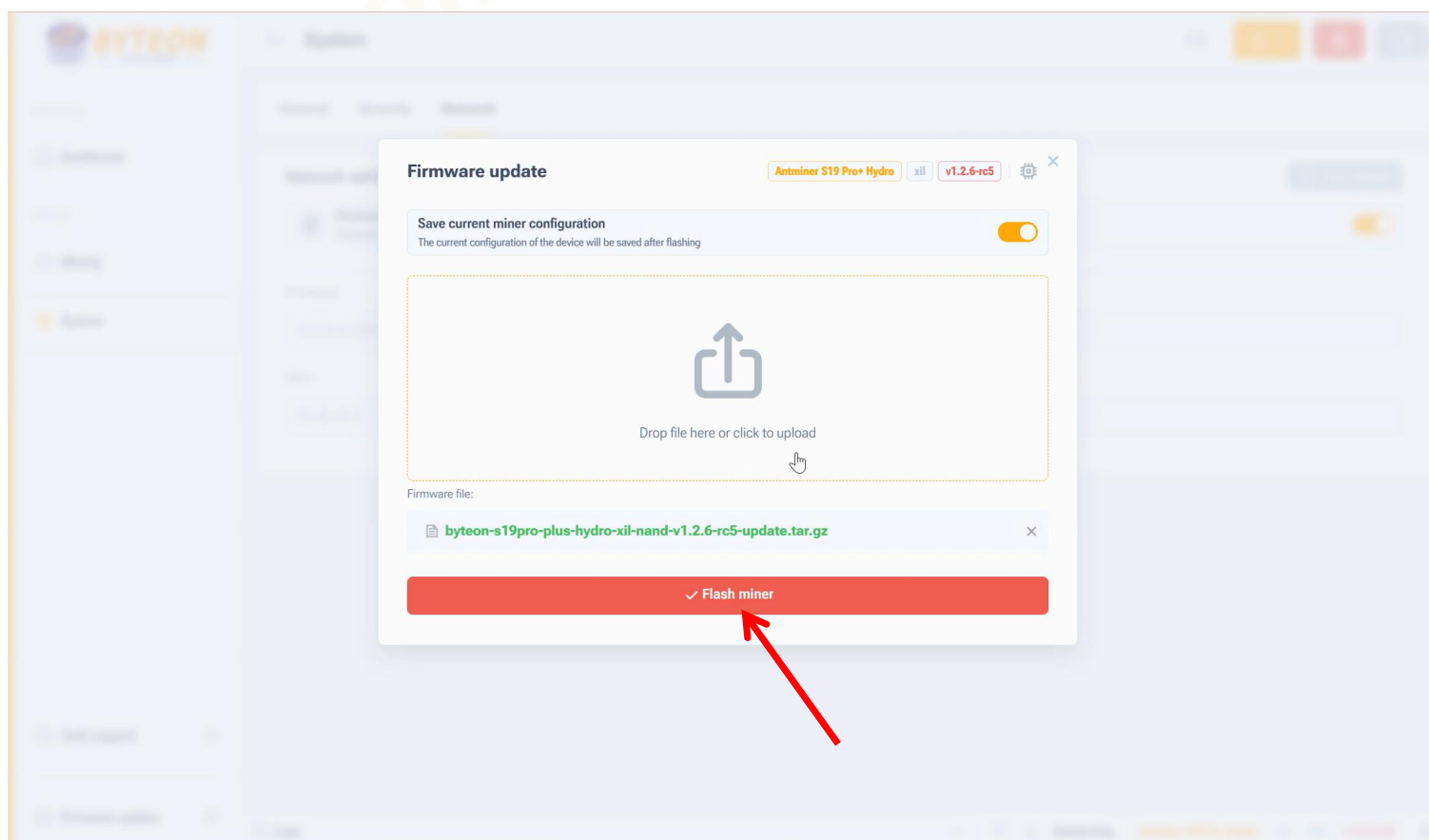
Flash miner

1

Descargue el archivo de actualización en la carpeta 'Byteon' en el escritorio



[Firmware update] -> Minero flash



El minero se reiniciará
y ejecutará el firmware
actualizado.