GOLDSHELL

SC6 SE
17 TH/s

Air-cooled ASIC miner · Blake2b-Sia



ALGORITHM
Blake2b-Sia

COOLING
Air · 6,000 rpm fans

POWER
185–285 V · C19

RELEASED
September 2022

Product Manual

Setup, operation, maintenance and OneMiners hosting guide

Version 1.0
First edition, November 2026
Information checked 7 Nov 2026

Contains manufacturer documentation © Goldshell, summarised for customer reference.

About this manual

This manual covers the **Goldshell SC6 SE**, rated at **17 TH/s** and **3,330 W** on the Blake2b-Sia algorithm.

Specifications are from Goldshell's product information. Setup follows Goldshell's help-centre tutorial for its web interface, which is shared across Goldshell miners; confirm menu names on your SC6 SE.

Each section that reproduces or summarises manufacturer content is marked with a **Source** tag. Values that sources disagree on, or that no source confirms, are marked **Needs verification** and listed in section 1.4. Chapters 8 to 12 cover the OneMiners platform, hosting, warranty and wallet, and are marked **OneMiners**.

Before you start

CHECK	POWER	ROOM	NETWORK
Label says SC6 SE	**185–285 V · C19**	**0–35 °C · ≤ 65% RH**	**Ethernet only**
17 TH/s.	About 15 A at 220 V.	Ventilated, away from people (≤ 80 dB).	A browser for find.goldshell.com.

How notices are used

DANGER
Risk of electric shock, fire or injury. Do not continue until the condition is met.

CAUTION
Risk of damage to the miner, lost earnings or loss of data. Read before acting.

NOTE
Useful background, limits of a specification, or where to check further.

ONEMINERS
Applies to miners hosted in a OneMiners data center.

Copyright and disclaimer

© OneMiners, 2026. This manual combines documentation published by the manufacturer, Goldshell, and other cited sources with supplementary material written by OneMiners (platform, hosting, warranty and wallet chapters). Manufacturer content remains the property of its owner and is reproduced or summarised here for the convenience of OneMiners customers. OneMiners claims no ownership of it. All product names and trademarks belong to their respective owners.

Specifications are typical values and may change without notice. Always confirm against the label on your unit and the latest manufacturer documentation. Information about profitability, hosting prices and platform features is for guidance only and is not financial advice. OneMiners' supplementary chapters may not be copied or redistributed without written permission.

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CHAPTER 01

Product Overview

The Goldshell SC6 SE is an air-cooled Blake2b-Sia miner released in September 2022, rated at 17 TH/s.

COIN AND ALGORITHM

The SC6 SE runs the **Blake2b-Sia** algorithm. Manufacturers and calculators list **Siacoin (SC)**. The OneMiners listing names **BTCB2** as the coin and also lists SC and MRR; which coin hosted units mine is **Needs verification**. Use a pool for the coin you intend to mine, and check the worker format on that pool.



Figure 1-1 Goldshell SC6 SE 17 TH/s. Image: OneMiners product photo.

1.1 Key figures

17 TH/s	3,330 W	196 W/TH
Rated hashrate (±5%)	Rated power (±5%)	Efficiency

1.2 Specifications

ITEM	VALUE
PRODUCT	
Model	**Goldshell SC6 SE**
Algorithm	**Blake2b (Sia)**
Coins listed	**SC (Goldshell) · BTCB2, SC, MRR (OneMiners)**
Hashrate	**17 TH/s ±5%**
Power	**3,330 W ±5%**
Efficiency	**196 W/TH**
POWER	
Input voltage	**185–285 V AC**

ITEM	VALUE
HARDWARE	
Network	**Ethernet only**
Size (L×W×H)	**264 × 200 × 290 mm**
Weight	**11.5 kg**
Noise	**≤ 80 dB**
Fans	**6,000 rpm (2 fans per ASIC Miner Value)**
ENVIRONMENT	
Operating temperature	**0–35 °C**
Humidity	**≤ 65% RH**

ITEM	VALUE
Current	**About 15.1 A at 220 V · 18 A at 185 V (calculated)**
Power cord	**16 A (Goldshell) · C19 inlet**

Goldshell's help centre recommends an ambient of 10–35 °C and humidity below 65% in day-to-day operation.

SOURCE Goldshell, SC6 SE product information (goldshell.com); ASIC Miner Value; OneMiners product page (checked 7 Nov 2026).

1.3 Hardware

Power	C19 inlet. Goldshell supplies a cord with a type I plug; if it doesn't fit your socket, use a C19 cord rated 16 A / 250 V, 2.5 mm².
Front panel	**IP** button and red/green status lights.
Cooling	Fans at 6,000 rpm, front-to-back airflow.

SOURCE Goldshell help centre, MAX Series Tutorial (power cord); Goldshell product information.

1.4 Values that need verification

These values conflict between sources or aren't confirmed by the manufacturer. Check the label on your unit, and ask OneMiners support before planning power or cooling around them.

ITEM	WHAT THE SOURCES SAY	USED IN THIS MANUAL
Coin mined when hosted	OneMiners lists BTCB2 (also SC, MRR); Goldshell lists SC	**Needs verification**: ask OneMiners
Input voltage and plug	Goldshell 185–285 V, 16 A cord · OneMiners 170–300 V, C19 (20 A)	185–285 V; 220–240 V recommended
Operating temperature	Goldshell 0–35 °C · OneMiners 0–40 °C · ASIC Miner Value 5–45 °C	0–35 °C (Goldshell)
Height	Goldshell gives both 264 × 200 × 96 mm and 264 × 200 × 290 mm	290 mm (matches other sources)
Price on OneMiners	The OneMiners page lists $14,599, far above other listings for this model	Check with OneMiners sales

CHAPTER 02

Safety and Installation Requirements

The SC6 SE draws about 3.3 kW from one C19 input and is loud (≤ 80 dB). Plan the circuit and the room first.

2.1 Safety warnings

DANGER · ELECTRICAL

- Connect to an **earthed** outlet near the equipment and easy to reach, with a stable voltage supply.
- Use only 185–285 V AC. At the low end of the range the miner draws about 18 A; a 220–240 V supply keeps current near 15 A.
- Use the supplied cord, or a C19 cord rated 16 A / 250 V, 2.5 mm². A non-supplied cord can complicate warranty troubleshooting.

CAUTION · EQUIPMENT

- Don't open the case or remove screws; unauthorised disassembly can void the warranty.
- Keep the miner away from water and condensing humidity.

2.2 Electrical requirements

Input	**185–285 V AC, single phase**
Typical load	**3,330 W (±5%)**
Current	**About 15.1 A at 220 V (calculated)**
Power cord	**C19, 16 A / 250 V, 2.5 mm²**

Use earthed circuits sized by a licensed electrician to local code. Don't use household extension leads or multi-plugs.

2.3 Climate and site

CONDITION	REQUIREMENT
Operating temperature	0–35 °C (recommended 10–35 °C)
Humidity	≤ 65% RH
Noise	≤ 80 dB

- Keep intake and exhaust clear and don't let hot exhaust air flow back into the intake.
- At ≤ 80 dB, the SC6 SE isn't suitable for living or office spaces.
- Avoid dust, salt air and corrosive gases; clean more often in dusty sites.

SOURCE Goldshell, SC6 SE product information and help-centre MAX Series Tutorial (power and safety notes).

03 CHAPTER Initial Setup

These steps take a new SC6 SE from the box to its management interface. If your miner is hosted by OneMiners, our team does this for you; skip to Chapter 8.

3.1 Unboxing and connecting

- Confirm the label shows **SC6 SE**. Inspect for physical damage and loose screws, and check cable connections before starting.

1. **Network**
   Connect an Ethernet cable (the SC6 SE has Ethernet only).
2. **Power**
   Connect the supplied C19 cord (or a 16 A / 250 V replacement) and switch on.
3. **Start-up**
   The lights flash red and green briefly, then only the green light blinks rapidly.

3.2 Finding the miner's IP address

1. On a device on the same network, open find.goldshell.com (Google Chrome preferred).
2. Press the **IP** button on the miner, then pick the entry with an update time of a few seconds ago.
3. Click the icon in the settings column to open the dashboard.

3.3 Unlocking the dashboard

1. Click **Unlock** at the top right. The initial password is `123456789`.
2. Change it on the **System** page: enter the current and new passwords, then click **Change**.

SOURCE Goldshell help centre, MAX Series Tutorial: finding the IP, unlocking, pools and system settings. Goldshell uses the same web interface across its range; confirm menu names on your SC6 SE.

04 CHAPTER Mining Configuration

The SC6 SE mines on the Blake2b-Sia algorithm. Enter a pool for the coin you intend to mine.

4.1 Setting up pools

1. Open **Miner** › **ADD** › **Pool Config**.

2. Enter the pool URL, miner name (`account.worker`; the worker part is optional) and password.
3. Click **Apply** and wait for the pool to turn green. A hashrate curve on the Home page confirms the connection.

Up to three pools can be configured; lower-priority pools are used only when higher ones are offline. Pool details must match the coin being mined, or the miner can malfunction.

FIELD	WHAT TO ENTER
Pool / mining address	The pool's stratum address, in the format `stratum+tcp://host:port`. Copy it from your pool's "Connect" or "Getting started" page.
Worker / user	Your pool account or wallet address plus a worker name, usually `account.worker`, for example `account.sc6se01`.
Password	Optional. Most pools accept any value, such as `x`.

COIN AND POOL
The SC6 SE runs the **Blake2b-Sia** algorithm. Manufacturers and calculators list **Siacoin (SC)**. The OneMiners listing names **BTCB2** as the coin and also lists SC and MRR; which coin hosted units mine is **Needs verification**. Use a pool for the coin you intend to mine, and check the worker format on that pool.

CAUTION
Use only pool addresses from the pool's official website, and always add at least one backup pool. A mistyped address mines for nobody.

ONEMINERS
Hosted miners are configured from the OneMiners platform rather than the miner's own dashboard. To change pools, use **Pool Settings** in your account (see 8.2).

SOURCE Goldshell help centre, MAX Series Tutorial: Pool Config.

05 CHAPTER Monitoring Performance

Judge performance by the average hashrate after the miner has run for some time.

5.1 What "normal" looks like

16.2–17.9 TH/s	3,164–3,497 W	< 1 %
Average hashrate (±5%)	Wall power (±5%)	Pool rejection rate

Calculated from Goldshell's rated values and ±5% tolerances.

5.2 What to watch

VALUE	MEANING
Average hashrate	The most reliable measure of performance. The real-time figure moves with every share.
Board temperatures	Board temperatures should stay stable. Keep the room within 10–35 °C.
Fan speed	Every fan should report a speed. A stopped fan raises temperatures and stops mining.
Pool status	Active pool, accepted and rejected shares. Rejection below 1% is normal.

06 CHAPTER Firmware and Maintenance

Keep the firmware current and the airflow clean. Most problems on air-cooled miners trace back to dust, fans or room temperature.

6.1 Firmware, reset and locating the miner

- Firmware: use **Update** on the **System** page, with a file from Goldshell or the OneMiners Manuals & Firmware Library made for the SC6 SE.
- Factory reset: click **Reset** on the System page. All configuration is lost.
- Locate: enable **Light indicator** on the Miner page; the lights flash red and blue.

> **GOLDSHELL CARE RULES**
> Don't dismantle the miner; disassembly voids the warranty. Keep it clean, dry and within 10–35 °C ambient and below 65% humidity, as Goldshell's tutorial recommends.

SOURCE Goldshell help centre, MAX Series Tutorial: System page and safety notes.

6.2 Preventive maintenance

WHEN	TASK
Daily / remotely	Check average hashrate, board temperatures, fan speeds and pool status.
Monthly	Check room temperature and humidity against 2.3. Look for dust on fan guards.
Every 1–3 months	Switch off and unplug, then clean fans and heat sinks with dry compressed air.
Regularly	Check power cords and plugs for heat marks. Check for new firmware.

Intervals are OneMiners recommendations. Clean more often in dusty sites.

07 CHAPTER Troubleshooting

Start with the symptom table. Hosted customers: don't attempt repairs yourself; contact OneMiners service.

SYMPTOM	CHECK
Miner doesn't power on	Check the supply is 185–285 V and stable, and the C19 cord is fully seated.
No network / IP not found	Check the cable. Open find.goldshell.com, press the miner's IP button and pick the newest entry.
Pool won't connect	Re-check the pool address and port, the worker name, gateway and DNS. Make sure the pool port isn't blocked by a firewall.
Low or unstable hashrate	Compare the average hashrate with 5.1. Check board temperatures, fans and dust. Update the firmware.
Overheating	Check the room is within 0–35 °C, fans are running and intake and exhaust are clear. Clean, then restart.
Smell, unusual sound or smoke	Switch off immediately and contact service.

SOURCE Based on Goldshell documentation cited in Chapters 2–6.

ONEMINERS
For a hosted miner, send the symptom and your miner's service ID to **service@oneminers.com** or WhatsApp **+1 305 867 6143**. Repairs under warranty are handled on site by our repair team.

08 CHAPTER OneMiners Platform Guide

Miners hosted by OneMiners are monitored and managed from your account at app.oneminers.com or the OneMiners mobile app. Screens in this chapter are from OneMiners platform v1.2 and show example values from other miners, not an SC6 SE.

8.1 Miner details

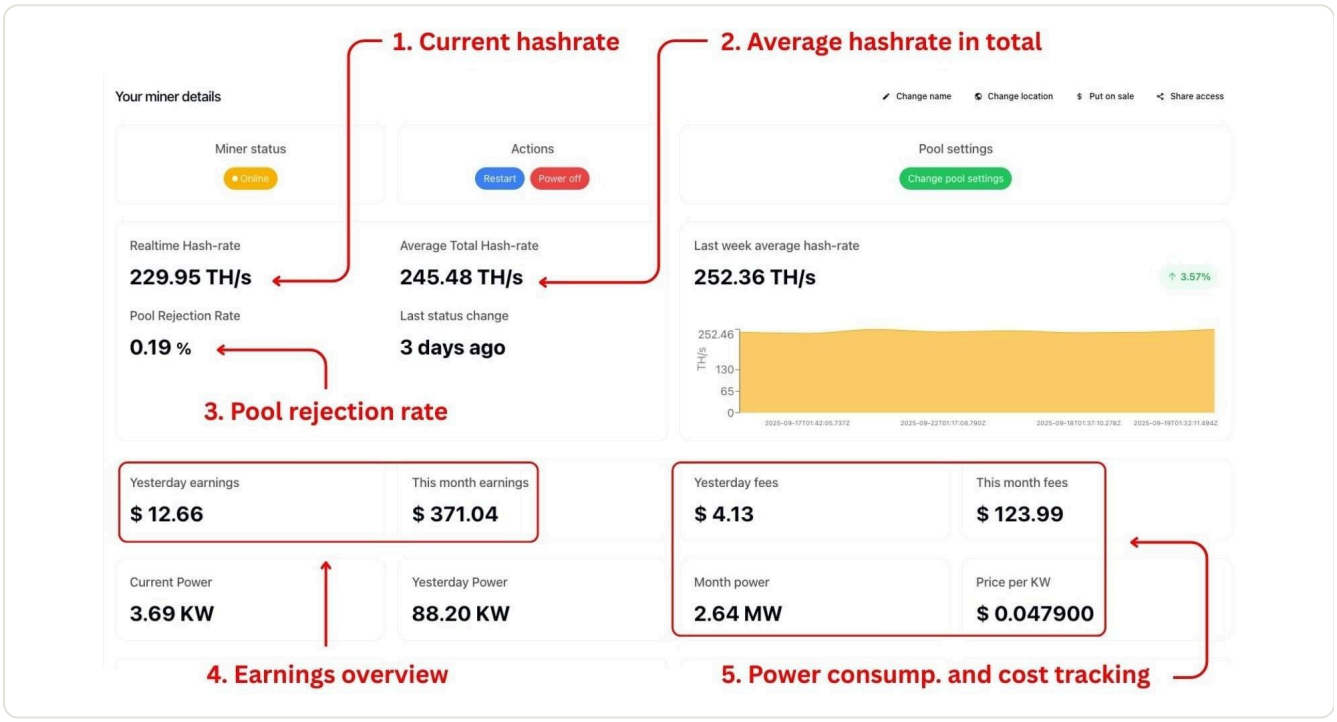


Figure 8-1 Miner details on OneMiners platform v1.2 (example values).

1 · Current hashrate	Real-time hashrate (for the SC6 SE, in TH/s). It moves with network stability, hardware and pool communication.
2 · Average hashrate	Average over a longer period (typically 24 h). The most reliable measure of performance; for the SC6 SE, expect 16.2–17.9 TH/s.
3 · Pool rejection rate	Share of submitted shares the pool rejected. Below 1% is healthy.
4 · Earnings overview	Estimated earnings for the selected period, based on accepted shares.
5 · Power and cost	Real-time and historical energy use (kW) and its cost at your configured price per kWh.

8.2 Pool settings

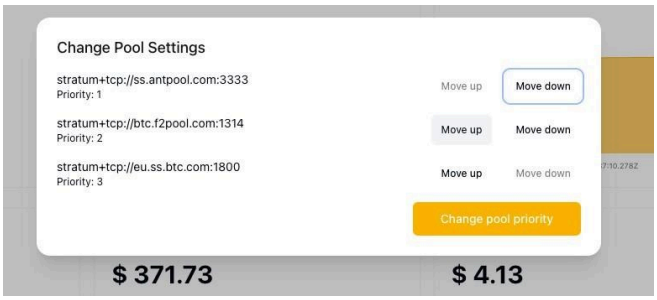


Figure 8-2 Change Pool Settings.

- Up to three pools can be connected.
- Pools are listed in priority order. If the first is unavailable, the miner switches to the second, then the third.
- Use **Move up** / **Move down** to set the order, then **Change pool priority** to apply it.

8.3 Earnings and fees



Figure 8-3 Earnings, fees, power and price per kWh (example values).

- **Earnings:** daily, monthly and cumulative mining rewards in USD or your selected currency.
- **Fees:** pool and platform fees deducted from earnings, shown daily and monthly.
- **Net result:** earnings minus fees, which is your net mining income.

8.4 Hardware status

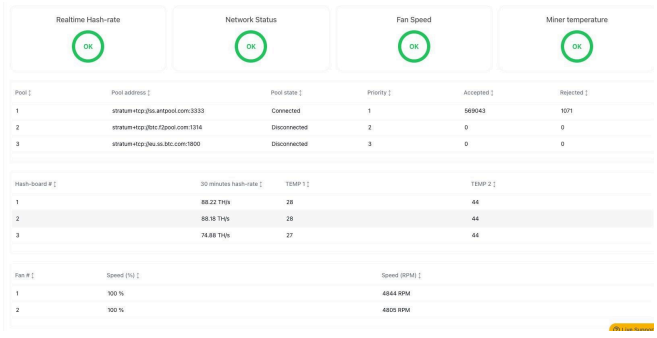


Figure 8-4 Hardware status (example from an air-cooled miner).

- **Network status:** whether the miner is connected to its pools. Address disconnections immediately.
- **Miner temperature** and **hashboard table:** per-board hashrate and temperatures. Useful for spotting an underperforming board early.

> **AIR-COOLED UNITS**
> Fan speed is shown per fan (2 fans on the SC6 SE). A slow or stopped fan raises temperatures and stops mining, so act on fan alerts quickly.

ONEMINERS OneMiners platform v1.2. Confirm layout against the current version of your account.

CHAPTER 09

OneMiners Hosting and Warranty

OneMiners hosts customer-owned miners in its data centers, providing power, cooling, racking and monitoring. Terms below reflect OneMiners' published pages as checked on 7 November 2026.

9.1 Hosting

- Hosting is offered across 17 data centers worldwide, **from 3.6¢ per kWh** at the time of writing.
- Locations include Nigeria, Ethiopia, Dubai, the USA (Texas, Houston, Georgia, South Carolina, Kansas and a no-service-fee option), Finland, Norway, Canada, Brazil, Czechia, China and Paraguay.
- Hosted orders are deployed turnkey; OneMiners racks, connects and monitors the miner.
- Air-cooled miners like the SC6 SE are accepted at most sites. Ask sales which locations currently host the SC6 SE, and which coin hosted units mine.

Current prices and locations: oneminers.com/pages/hosting-centers.

9.2 Warranty

HOSTED WITH ONEMINERS

7-year full warranty for miners hosted in the USA, Dubai, Norway, Finland, Ethiopia, Nigeria and China.

- Free on-site repairs
- No-cost replacement of power supplies and cables
- No labour or diagnostic fees

SHIPPED TO YOU

Standard 12-month warranty, unless the manufacturer specifies otherwise.

- Free repair of manufacturing defects
- Replacement of defective units when necessary
- Valid only when the miner is operated according to official instructions

All customers during warranty

Remote diagnostics, real-time monitoring, 24/7 technical support, and firmware upgrades and maintenance.

Exclusions

The warranty may be voided by damage from misuse, unauthorised modifications or non-compliant operation. For the SC6 SE, this includes damage from running outside 0–35 °C, 65% humidity or 185–285 V, unstable supply, blocked airflow, unofficial firmware, or dismantling the unit.

Out of warranty

Repairs typically cost **US$80–220**, depending on the fault and parts required.

Making a claim

Contact OneMiners support with your miner's hosting details and service ID through oneminers.com/pages/contact or **service@oneminers.com**.

ONEMINERS OneMiners Warranty Policy, oneminers.com/pages/warranty-policy . The policy page prevails if it differs from this summary.

10 CHAPTER Wallet and Mining Rewards

Rewards from a hosted miner are credited to your OneMiners wallet, where you can withdraw them or exchange between currencies.

10.1 Automatic mining balance

- The miner starts generating rewards as soon as it is installed and activated.
- If no energy payment has been preloaded, mining continues and energy costs and fees are deducted automatically from the rewards.
- If funds are preloaded in advance, earnings are credited without automatic deductions.
- You can change your payout wallet address in the wallet settings.

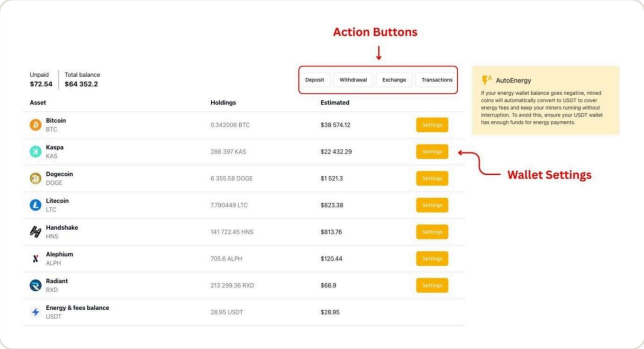


Figure 10-1 Wallet section.

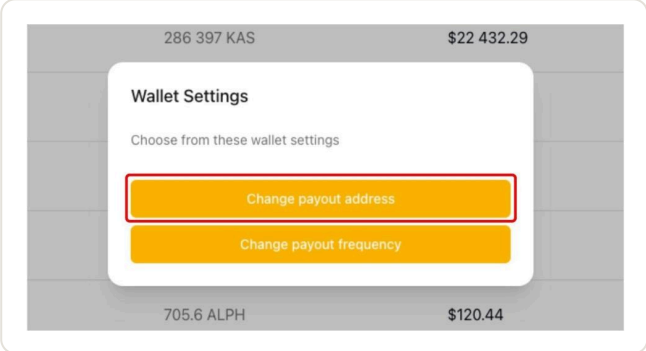


Figure 10-2 Changing the payout address.

10.2 Withdrawals

1. Go to **Wallet** › **Withdrawal**.
2. Add a crypto wallet address or a bank account.
3. Select the currency, enter the amount and confirm.

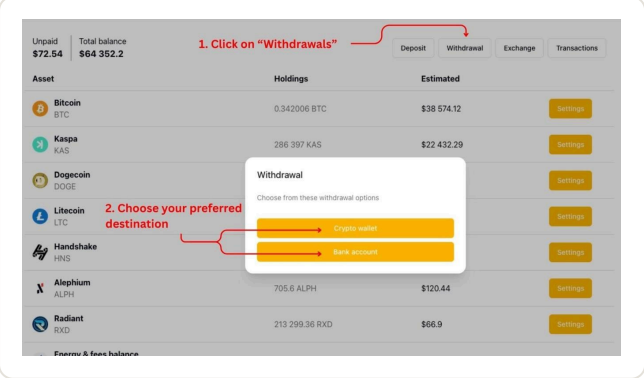


Figure 10-3 Choosing a withdrawal destination.

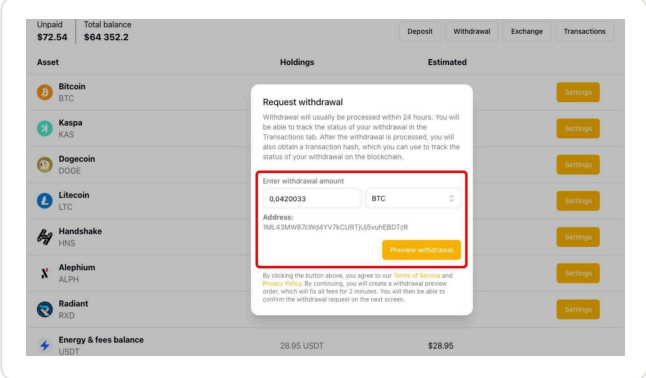


Figure 10-4 Choosing currency and amount.

10.3 Exchange

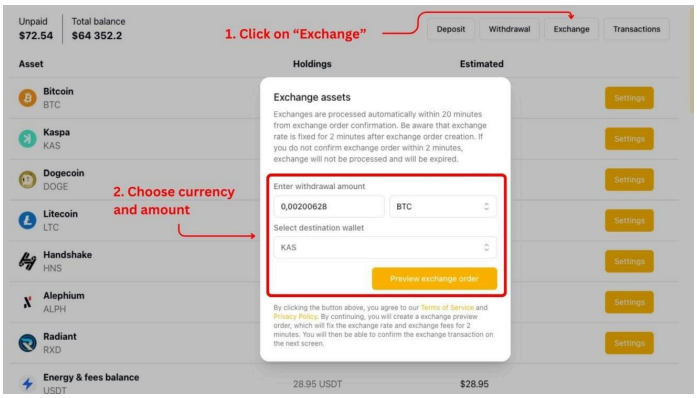


Figure 10-5 Exchanging currencies.

1. Go to **Wallet** › **Exchange**.
2. Select the currencies to exchange. You can also convert directly into **Energy & Fees** funds to keep the miner running.
3. Enter the amount and confirm.

> **BEFORE YOU WITHDRAW**
> Double-check addresses and networks. Crypto transfers to a wrong address usually can't be reversed. Keep enough Energy & Fees balance to avoid deductions from your rewards.

ONEMINERS OneMiners platform v1.2.

CHAPTER 11

Additional OneMiners Features

Optional tools in your OneMiners account. Availability and settings can change; check your dashboard for what is active on your account.

11.1 AI Smart Mining

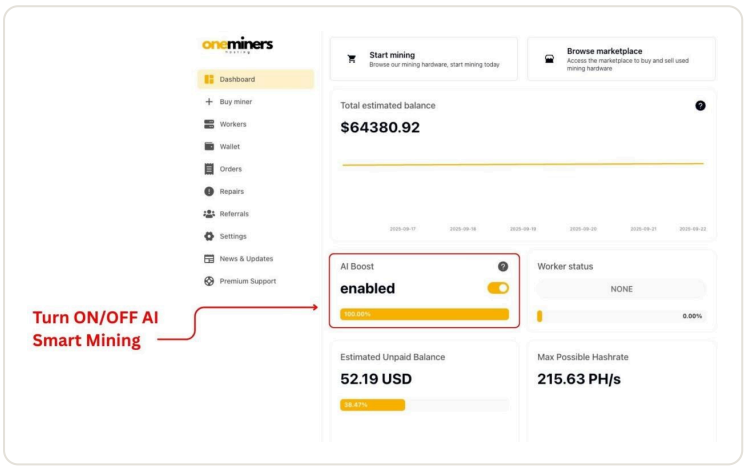


Figure 11-1 AI Boost toggle on the dashboard (platform v1.2).

AI Smart Mining analyses market conditions and pool performance and can switch your miner to the pools it calculates are most profitable.

- Turn it on or off with the **AI Boost** toggle on your dashboard.
- Your hardware keeps mining to your own account and wallet.

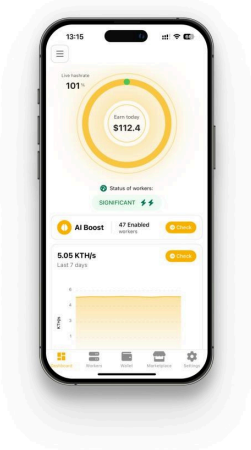
Results depend on hardware and market conditions and aren't guaranteed. More information: oneminers.com/pages/ai-smart-mining.

11.2 OneMiners mobile app

Monitor and manage your miners from your phone: start and stop miners, view hashrate, power use and hardware status, and manage balances and withdrawals. The app is built on the CircleHash white-label hosting platform and is free.

App Store

Google Play



11.3 Profitability tools

Mining income from the SC6 SE depends on the price of the coin mined, network difficulty and your electricity cost, all of which change daily. For current estimates, use the live tools rather than figures printed in a manual:

- Miner profitability table: oneminers.com/pages/miner-profitability

For the SC6 SE, use 17 TH/s and 3,330 W with your own price per kWh. Estimates aren't financial advice.

CHAPTER 12

Official Resources and Support

12.1 Resources

GOLDSHELL
Find miner tool
find.goldshell.com

GOLDSHELL
Help centre
goldshellhelp.zendesk.com

ONEMINERS
Manuals & Firmware Library
oneminers.com/pages/manuals-and-firmware

ONEMINERS
Product page
oneminers.com/products/goldshell-sc6-se-17-th-s

ONEMINERS
Warranty policy
oneminers.com/pages/warranty-policy

ONEMINERS
Hosting locations
oneminers.com/pages/hosting-centers

12.2 Contact OneMiners

SUPPORT, 24/7

+1 305 867 6143

WhatsApp

+1 607 9009 004 · Sales, USA

service@oneminers.com · Service and repairs
sales@oneminers.com · Sales
payinquire@oneminers.com · Payments

Telegram: t.me/oneminers_hosting

ADDRESS

CIRCLEHASH LLC
701 Tillery Street
Austin, Texas 78702, USA

Contact page

Manuals library

12.3 Sources used for this version

1. Goldshell, SC6 SE product information (goldshell.com): hashrate, power, efficiency, voltage, cord, size, weight, noise, environment, fan.
2. Goldshell help centre, MAX Series Tutorial: finding the IP, unlock password, pools, system page, power cord and safety notes.
3. ASIC Miner Value, Goldshell SC6 SE: release date, fans, environment.
4. OneMiners product page, Goldshell SC6 SE 17 TH/s: voltage, plug, coin list, warranty and hosting.
5. OneMiners: product page, Warranty Policy, hosting pages, AI Smart Mining page, Media Kit, site contact details. All checked 7 November 2026.

12.4 Revision history

VERSION	DATE	CHANGES
V1.0	Nov 2026	First edition. Goldshell specifications with conflicts listed in 1.4, coin and algorithm notice, Goldshell web-interface setup and pools, firmware, reset and care rules. Current warranty, hosting and contact details.