

iSunCoin

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iSunCoin is an open and free internet technology that interconnects all computers, redefining the standard unit of computing power and providing an operating environment for tens of thousands of decentralized applications. It implements a zero-knowledge proof accounting vector standard, enabling people to exchange information publicly in a standardized and privacy-preserving format. It can establish a global public ledger and also allow people to create and run decentralized applications on the platform. iSunCoin's decentralized ledger technology is highly flexible, allowing users to create any form of code logic to realize systems we have yet to imagine, and any computer can run iSunCoin to provide computing power to the platform and earn rewards.

Reward Policy

The information stored and programs executed on iSunCoin are jointly provided by all computers running iSunCoin, and the data is regularly packaged into blocks and announced to the entire iSunCoin network, a process we call mining blocks. iSunCoin quantifies the contribution of each node that successfully mines a block in units of ISC, incentivizing them to maintain the operation and security of the network.

Transactions and Blocks

To improve the network's security, efficiency, and scalability, iSunCoin has established a set of rules to reasonably regulate the use of computing resources and storage resources. Each transaction submitted to iSunCoin will execute its specified code using computing resources according to its content. Therefore, based on the degree of computing power consumption, the transaction must pay a proportional basic transaction fee. The basic transaction fee will be directly destroyed, thereby reducing the total supply of ISC. Users can also pay tips to incentivize miners to prioritize their transactions, and these tips will be directly given to the miner who mines the block containing the transaction.

ISC Issuance Policy

The iSunCoin mainnet was launched at 00:00:00 UTC+0 on July 5, 2024. All ISC can only be obtained by running iSunCoin mining. The initial mining reward for each block is 1 ISC. Starting from block 0x40000, the mining reward is adjusted to 4 ISC, and the initial computing power reward is started to be distributed. The computing power reward for each block is 4 ISC, allocated to all nodes that contribute computing power, including auditing ledgers and blocks, storing files, running computing power containers, and executing AI computing tasks. In addition, each block will also contribute 2 ISC as the initial governance reward. The block reward will be halved every 0xA00000 blocks, which is roughly equivalent to halving the block reward every four years, including mining rewards, computing power

rewards, and governance rewards. The final issuance is 210,000,000 ISC. It is estimated that 50% of ISC will be issued by July 4, 2028, and all ISC will be issued by July 4, 2074.

Computing Power Participation

iSunCoin converts energy into computing resources through computers and provides computing resources to the iSunCoin platform in exchange for rewards to achieve mining. Ordinary home computers or laptops can start mining by installing the iSunCoin software. To achieve the best computing power conversion efficiency, it is recommended to use a network with a bandwidth of 50 Mbps or more, a computing power of 50 TOPS or more, a memory of 32 GB or more, and a storage capacity of 1 TB or more.

Consensus and Audit Mechanism

Mining nodes that mine blocks will submit the blocks to the iSunCoin blockchain network. When more than half of the blockchain nodes recognize the block, a new block is generated, and the reward is distributed to the miner. At the same time, there may be multiple miners submitting blocks, and nodes will decide which block to adopt based on the number of packaged transactions and the order of submission. The submitted block will be audited within 24 hours. If it is found through the audit that the block contains invalid formats, invalid addresses, or insufficient balances that cause transactions that cannot be executed, and the block information is recorded incorrectly, the block reward will be recovered and destroyed.

Community Governance

iSunCoin adopts a decentralized governance model. Every 1,310,720 blocks constitutes an update cycle. iSunCoin holders have the right to propose and vote. The first 655,360 blocks of each cycle are the proposal period, during which community members can create new proposals for protocol upgrades, feature additions, parameter adjustments, and so on. The following 655,360 blocks are the voting period, during which community members can vote for or against each proposal. At the end of each cycle, all proposals are tallied and either accepted or rejected. In addition, a self-governing committee is established to review whether each proposal complies with the proposal regulations and to coordinate community discussions. To encourage participation, community members who participate in voting or whose proposals are adopted will receive governance rewards. Through the automatic execution of smart contracts, the transparency and fairness of decision-making are ensured, allowing the community to jointly shape the future development of iSunCoin.