



# I-HashΩ

## What is I-Hash Ω?

I-HASH denotes for Tradecoin mining reward token issued under Tradecoin Asset.

(Ω Omega denotes resistance for hashing against PoW)

In Waves platform token can be created and issued very easily in 1 Wave (Estimated under 2\$), which decreases the core value of token itself and there is no any function related to mining for token issuers else than the choice of MRT (Miner's Reward Token) to keep it running for getting rewards and in another terms to secure the network for Waves for which MRT are distributed among miners.

So to make the issued tokens more interesting we have come with an idea to release a token attached with mining procedure created under Tradecoin asset named as “I-Hash Ω”.

“Every I-Hash token available in market is a proof of burned electricity submitted by miner.”

I-Hash will work on PoW. (Proof-of-Work type hashes like Bitcoin)

## How I-Hash will work?

Mostly tokens or assets issued under waves platform are premined tokens even I-Hash too.

But I Hash will be issued in four Rounds with a mining strategy.

Every time when a miner finds a specific block hash through I-Hash Java Miner he has to submit his PoW of Hashing with a Waves Transaction of 1 Wave on specific Waves Address to redeem tokens.

I-Hash supply quantity will be reduced over a period of time due to its limited supply. Only valid miner with a valid transaction for Proof-of-Work will get I-Hash. Duplicate values or invalid hashes proof will be rejected.

## How mining will work for I-Hash Ω?

There are only four easy steps to start mining of I-Hash. (Click here to download miner)

The mining can be performed offline. But to submit your PoW you must have to make a transaction via Waves client to get I-Hash reward.





# I-HashΩ

## I-Hash Technical details on Waves Platform:

**Asset ID:** J5kauGmPHWjRLjoPgLfR7ZnvwekzU1BmoW5p9QL5oi7k

**Name:** I-Hash Ω

**Description:** I-Hash is a unique POW mining (SHA-256) based token created under Tradecoin Asset: EekwfLSAkbREneBHRxdZSRAEPvmijq71Nf2GDNqBStz4. The Ω (Omega) denotes resistance (proof of Burning Electricity) against work done by a machine to make token value worthwhile. Each I-Hash block can be claimed only via proof of hash (SHA-256) submitted by a miner with certain conditions in a specified time period. Each I-Hash block is a proof of an average ~4.29GH mining (Because of minimum difficulty set to  $16^8 = 4294967296$  hashes). I-Hash blocks can be mined on CPU, even offline but to submit block miner need an Internet connectivity. There will a fix supply of 1 million I-Hash Tokens. Which will be distributed in four different rounds, each round of 250k I-Hashes).

For more information read our whitepaper available on waves forum.

**Issuer:** 3PG3iKrREHEC8BhRymLngyZGvcfNb7T8sNs

**Reissuable:** True

**Decimals:** 2

**Max supply:** 1000000 (In Four Rounds)

## Token Issue Strategy:

There will be total 4 Rounds for I-Hash.

For Each Round there will be 250k I-Hash.

Initially only 1000 I-Hash has been created once they will be claimed then rest 2, 49,000 I-Hashes will reissued for round 1. (Reason: To ensure for sustainability of model.)

Rounds	Between Block Number	Total Blocks	Total I-HASH Reward	Each Block Reward	Total No. of Transactions	Total Cost to Issue Transactions in Waves
1	1-1000	1000	250000 I-HASH	250 I-HASH	1000	1 Wave
2	1001-11000	10000	250000 I-HASH	25 I-HASH	10000	10 Waves
3	11001-111000	100000	250000 I-HASH	2.5 I-HASH	100000	100 Waves
4	111001-1110000	1000000	250000 I-HASH	0.25 I-HASH	1000000	1000 Waves
	<b>Total</b>	<b>1111000</b>	<b>1000000 I-HASH</b>		<b>1111000</b>	<b>1111 Waves</b>



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## Benefits or Uniqueness of I-Hash:

- Every miner have his own randomness to generate block hash so there's no any possibility to clash between miners to find same block hash. (very-2 rare)
- I-Hash is an offline miner. So no need to download any blockchain to synchronize with network. Miner just need internet to submit a valid proof of work via waves transaction to redeem I-Hash.
- Every Proof of Work submitted by miner to redeem new tokens will be available in transaction description under Waves Blockchain. (In Base58 Encoded message)
- Total circulation available in market on DEX is only the initial orders put by miners.
- I-Hash gave 100% power to miners to decide the price of I-Hash token in market for new circulations.
- I-Hash is also helping waves community (especially to miners) to increase the no. of transactions over network so waves miners will also get benefit from it. (Approx. 1.1 million total transactions only from I-Hash miners to claim I-Hashes in four rounds, other transaction type like Exchange and send transactions are extras.)

## Description of Mining Software:

**Mining Software Language Base:** Java

**Hash Function Used:** Double Iterated SHA256

**Mining Style:** PoW

**Mining Type:** Solo

**Category of Mining:** Offline Mining

**Difficulty in Hashes:** Estimated 4 Giga hash for Each Block (4GH)

**Token Reward:** Depends on block number and its Round

Link to Download miner: <https://github.com/Tradecoin-Token/I-Hash>

## What is the value of I-Hash?

Only miner will be able to decide its value because he is mining it, the cost of mining varies on different factors like mining device cost, electricity cost and mining time and other resources. So let the miner decide it personally what value they would like choose for it.

## Where can I Sell this I-Hash and in which market?

You can sell this I-Hash on Waves DEX platform in any market pair available in DEX.