Omega-Trade API Documentation

Overview

The Omega-Trade API allows for algorithmic trading on the Omega Exchange. All requests must be made over HTTPS. Responses are formatted as JSON.

> **Warning:** Version 2.0 (v2) will be deprecated on **December 31st, 2025**. Please migrate all POST requests to the v2.1 endpoints described below.

Authentication

Authentication is handled via a Bearer Token in the header. Do not share your token.

Header Format:

Authorization: Bearer OMG_live_8842a_x99

Rate Limits:

- **Standard Tier:** 100 requests per minute.
- **Pro Tier:** 1,000 requests per minute.
- *Exception:* The /batch/cancel endpoint is strictly limited to 5 requests per second across all tiers to prevent order book instability.

Endpoints

1. Place Order

POST /api/v2.1/orders

Places a new buy or sell order. This endpoint requires specific JSON payload structures depending on the order_type.

Request Payload (JSON)

```
{
  "symbol": "BTC-USD",
  "side": "buy",
  "order_type": "limit", // Options: "limit", "market", "stop_loss"
  "quantity": "0.50",
  "price": "65000.00",
  "time_in_force": "GTC", // Good Till Cancelled
  "trigger_price": null // Only required for "stop_loss" orders
}
```

Parameter Details

- symbol (string, required): The trading pair (e.g., "ETH-USD").
- side (string, required): Direction of trade.
    - Values: buy, sell.
- time_in_force (string, optional):
    - GTC: Good Till Cancelled (Default).
    - IOC: Immediate or Cancel.
    - FOK: Fill or Kill.

2. Retrieve Account Balance

GET /api/v2.1/accounts/balance

Returns a list of assets held in the wallet.

Response Example (JSON):

```
{
  "status": "success",
  "data": [
    {
      "currency": "USD",
      "available": "4500.00",
      "hold": "500.00" // Funds locked in open orders
    },
    {
      "currency": "BTC",
      "available": "1.2",
      "hold": "0.0"
    }
  ]
}
```

Error Handling

The API uses standard HTTP status codes but includes a custom error_code in the body for debugging.

HTTP Status	Error Code	Description	Resolution
400 Bad Request	INVALID_ORD_TYPE	The order_type field contained a value not supported by v2.1.	Check that you are not using trailing_stop (removed in v2.1).
400 Bad Request	INSUFFICIENT_FUNDS	Total order value + fees exceeds available balance.	Deposit funds or cancel existing open orders (see hold balance).
429 Too Many Requests	RATE_LIMIT_GLOBAL	You have exceeded the per-minute cap.	Implement an exponential backoff strategy in your bot.