Limits

1. Introduction

The **Limits API** allows you to query real-time available limits, margins, collateral, exposure, and cash balances for your trading account, filtered by segment, exchange, and product type.

2. API Endpoint

`POST <Base URL>/quick/user/limits`

> *Replace `<Base URL>` with the relevant Kotak environment base URL provided in response from /tradeApiValidate api.*

3. Headers

Name	Type	Description
accept	string	`application/json`
Sid	string	session sid generated on login
Auth	string	session token generated on login
neo-fin-key	string	static value: neotradeapi
Content-Type	string	`application/x-www-form-urlencoded`

4. Request

Example Request:

```
curl --location '<Base URL>/quick/user/limits' \ -H "Auth: <session_token>" \
-H "Sid: <session_sid>" \ -H "neo-fin-key: neotradeapi" --data-urlencode
'jData={"seg":"ALL","exch":"ALL","prod":"ALL"}'
```

Request Body (`jData`)

Name	Type	Description	Allowed Values	Default
seg	string	Segment to fetch limits for	`ALL`, `CASH`, `CUR`, `FO`	ALL
exch	string	Exchange to fetch limits for	`ALL`, `NSE`, `BSE`	ALL
prod	string	Product to fetch limits for	`ALL`, `NRML`, `CNC`, `MIS`	ALL

5. Response

Example Success Response (truncated)


```
{ "Category": "CLIENT_MTF", "EntityId": "account-******", "BoardLotLimit":
"5000", "CollateralValue": "10197.48", "Net": "10157.08", "MarginUsed":
"40.4", "AdhocMargin": "0", "SpanMarginPrsnt": "0", "ExposureMarginPrsnt":
"0", "NotionalCash": "0", "UnrealizedMtomPrsnt": "0", "RealizedMtomPrsnt":
"0", "SpecialMarginPrsnt": "0", "PremiumPrsnt": "0", "MarginVarPrsnt": "0",
"stCode": 200, "stat": "Ok" }
```


200 Response Fields (most relevant)

Field	Type	Description
Category	string	Category
EntityId	string	Account ID
BoardLotLimit	string	Board lot limit
CollateralValue	string	Value of pledged securities/collateral
Net	string	Net available margin/cash
MarginUsed	string	Margin already used
AdhocMargin	string	Extra margin added
SpanMarginPrsnt	string	SPAN margin requirement
ExposureMarginPrsnt	string	Exposure margin requirement
NotionalCash	string	Notional (total) cash
UnrealizedMtomPrsnt	string	Unrealized Mark-to-Market (PnL)
RealizedMtomPrsnt	string	Realized Mark-to-Market (PnL)
SpecialMarginPrsnt	string	Special margin imposed
PremiumPrsnt	string	Premium margin present
MarginVarPrsnt	string	VAR margin present
stCode	int	Status code (200 = success)
stat	string	"Ok" for success
...	...	Additional technical/segment breakdown fields

Example Error Response

```
{ "stat": "Not_Ok", "emsg": "Invalid session", "stCode": 1003 }
```

Field	Type	Description
stat	string	"Not_Ok" for errors
emsg	string	Error message in English
stCode	int	Error code as below

6. Notes

- All numerical limits are provided as strings for precision.
- The response includes total cash, margin, and product/segment-wise breakdowns.
- Supply `"ALL"` for any parameter to fetch a consolidated report.
- Use the response fields such as `CollateralValue`, `Net`, `MarginUsed` to display funding or risk information on your interface.
- Use valid session and authentication tokens to avoid errors.