EMpulse Street FX Index |

EMpulse Street FX Index USDT (1 USD) «»

| |

- API

- (20)

- (0–1 30) = max(0, 1 − dev / 5 %) dev =

- high 2 % medium

-

14 (/v1/currencies: status = "active" active_since = 1
4)

2026-11-2
e.ai/metho

|
| GET /v

robots.
30

(USD

÷)
exchan

mid
) ( )
+ 0.25·de
0.2

limited

-

• sources: (

)

") (API

• confidence: (high / medium / limited)

limited coverage improving
(API MCP) medium
high 2 %
coverage_in_progr
ess

(`GET /v1/rates/{cur}`)

• buy: USDT

null

• sell: USDT

• mid: bu

• side: mid both buy (buy) sell (sell)

mid null
side

• spread_pct: (buy − sell) / mid × 100 side = "both" null

• confidence: high medium limited

(GET /v1/
(high →

• in_progress: 7 ( )

true

• mid_7d: 7 mid

mid n

• chg_1d_pct, chg_7d_pct, chg_30d_pct: (mid / mid_N_days_ago − 1) × 100

1 7 30
) side

• exchange_spread_pct (Pro Enterprise):

( ) null

« mid» mid

(
) 0.05 %
mid
mid side (buy sell) buy sell
spread_pct null
( ) 24

(Outliers)

flag = "outlier"

• mid

• (

• ( )

• high
high

(API AI)
( )

• 10 % confidence 50 %
confidence limited

•
cov
0.7–3

• 15 % 30 % 60 %
(API null “–
”)

• high h
high

• UTC 00:00 UTC
in_progress = true ( )

• 15
7d chg_*

(`GET /v1/rates/{cur}/hourly` Pro Enterprise)

UTC buy sell
mid side spread_pct co
nfidence

• UTC
2
(USDT USD) combine
d (3
) 3 % quality * *
compo
nent (transaction_based multi_source combined)
(* *) UTC (
24) 6 quality: limited

•

rom ( ) a

ap high lo
(23:00 U

• In progress. The current UTC hour is in_progress = true while it is being collected and will be r
evised;

GET /v1/ra

• Intra-hour quotes. Sources that publish a continuously updated rate are read every 10 minutes
. The hour stays

the unit o
f its readi
eet-index/
20 minute
hout such
the API re

• Timing. Transactio
n-based hourly rows arrive with the daily update, which covers the last thre
e days (late

transactio
al-time fe

ows older
blic websi
ate of the
he last va

Multi-source street index (`GET /v1/street-index`, product "Street Rate Index — multi-source")

For every currency where public market sources publish street rates — next to the transaction-b
ased series where one exists, on its own where it does not — the index publishes the rate quote
d in open sources: exchangers' public Telegram channels, the rates sections of local publishers,
forums. A published rate is a fact; we keep the number, the time and the link to the post, never t
he text.

• Quote — one number from one public post: quoted currency (ISO 4217), base (USD; USDT is co
unted

as USD ar
me of the
audit only
everal citi

• Side convention. side is the client's action, as in the index: a client *buys* USD at the

exchange
post that
id is a quo

• Extraction. Regular expressions for the common formats first ("USD 1650/1665", "Покупка: 11
810 /

Продажа
ngali / Per
es about
ncy word
it returns

• Plausible range per currency and base: the transaction-based reference of the last 30 days, ot
herwise

the media
e ± 60 %
a range e

• Source trust (reliability, 0–1, recomputed every day over the last 30 days):

• *accura
e

• the shared shift itself is published with the day as basis_gap_pct = (multi-source mid /

transactio
ate to the
rket and t
is adjuste

• *cleanliness* = 1 − share of outliers; *stability* = max(0, 1 − dispersion / 3 %), dispersion = median

within-da
most 1;

• reliability = 0.5·accuracy + 0.2·cleanliness + 0.15·stability + 0.15·regularity, within [0.05, 1].

A source
w 0.2 pau
5 valid qu

• The day (GET /v1/street-index/{cur}/history): mid = reliability-weighted median of post mids (t he

buy and s
he respec
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m the nu
of mids is
: ≥ 3 sou
h ≥ 3 quo

• The street rate of a city (GET /v1/street-index/{cur}/cities, the city pages of the exchange poin ts) is

published
e publishe
er the spe
untry for
m the ind
ery day b
y stands a
ublished
y rate of t

• Access. Free keys: the free-tier currencies with a 1-day delay; Pro: all currencies; Enterprise: al so the

quotes be
omputed

• Limitations. Posts are what sources chose to publish; a source may be late, wrong or promotio nal — that

is what th

Currency pages and site statistics

• Each currency has a public page (/rates/{CUR}): the rate of the latest hour, changes, the last 2 4 hours,

90-day ar
cy, the las
/llms-full.t
reet FX In

• (first-party)

(referrer
(salt))
olocation

(`GET /v1/rates/{cur}` `card_rate` `/rates/{CUR}` " ")

• card_rate 1

• sources confidence high medium

•

• (/rates/{CUR}/{city})

•

• meta tag

•

(`GET /v1/corridors/{a}/{b}` `/corridors/{A}-{B}` Pro E nterprise)

(cross)

• (listing) ("куплю сум
ы

•

• card_pr

limited

null (C

( )
confide
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(

EMpuls
(
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( )

за тенге,
(1)
/ /)

(b per USD
(outlier)

• (rate) low high sources

confide
medium
limited

• implied_cross

( ) corr

b per a

•

(a pe
)

• Pro Enterprise API

(/v1/

•

• confidence = limited (mid)

confidenc

• (GET /v1/currencies coverage_since)

coverag

•