

ConvertCraft

BY MES-DEV

User Guide

A unit and currency converter that lives on your desktop instead of in a browser tab.
14 categories, live exchange rates, world weather, and a global hotkey.

Currency · Length · Weight · Temperature · Volume · Speed · Data · Time
Area · Energy · Power · Pressure · Fuel Economy · Number Base

Free to download · Premium is optional

Every conversion works offline · no account · one-time purchase

MES-DEV · mes-dev.com · Version 1.1

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1. Welcome to ConvertCraft

ConvertCraft is a unit and currency converter for Windows, built by MES-DEV. It brings fourteen categories of conversion — length, weight, volume, temperature, speed, area, data size, time, energy, power, pressure, fuel economy, number bases and currency — into one fast application that runs on your computer.

Every conversion works with **no internet connection**. Exchange rates and city weather update when you are online, and the last values stay available when you are not. There is no account to create.

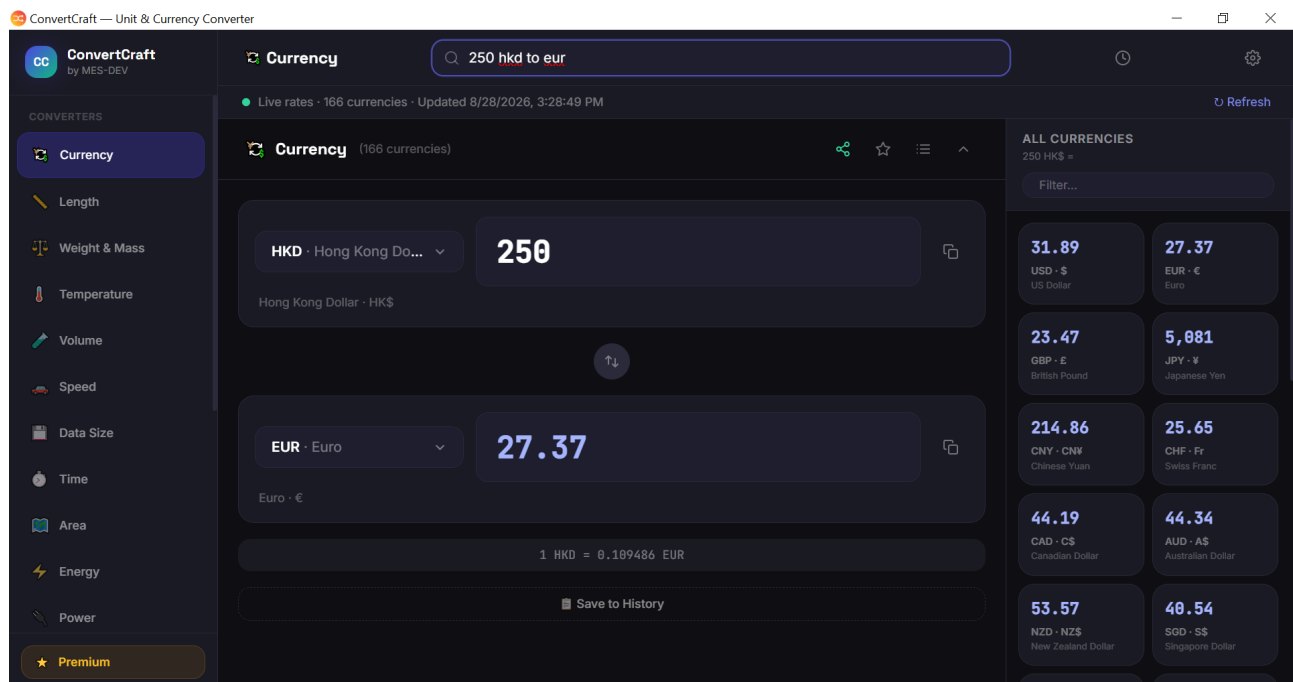
Free, with an optional one-time upgrade

ConvertCraft is free to download and use. All fourteen conversion categories, the Smart Bar and Cooking Mode are free, along with six currencies at live rates and today's temperature for three cities. Premium is a single purchase — never a subscription — and unlocks every currency, weather for any city, the Quick Convert hotkey, rate alerts, the world clock, batch conversion and history.

How this guide works

Sections 3 to 13 walk through every part of the app, in the order they appear in the left-hand sidebar. Each one explains what the tool does, how to use it step by step, and what every setting means. Section 14 collects tips and answers common questions.

2. The interface



The main window: sidebar (left), converter (centre), all-units panel (right).

ConvertCraft has three main areas plus a top bar.

- **Sidebar (left).** Every converter, grouped under Converters, then the extra tools under Features. Premium tools carry a PRO badge.
- **Converter (centre).** The from and to cards, the swap button, the conversion formula, and — on Premium — a Save to History button.
- **All-units panel (right).** Every other unit in the category, converted live. Click any card to make it the target and copy the result.
- **Top bar.** The current category, the Smart Bar, the History button and Settings.

Opening a converter

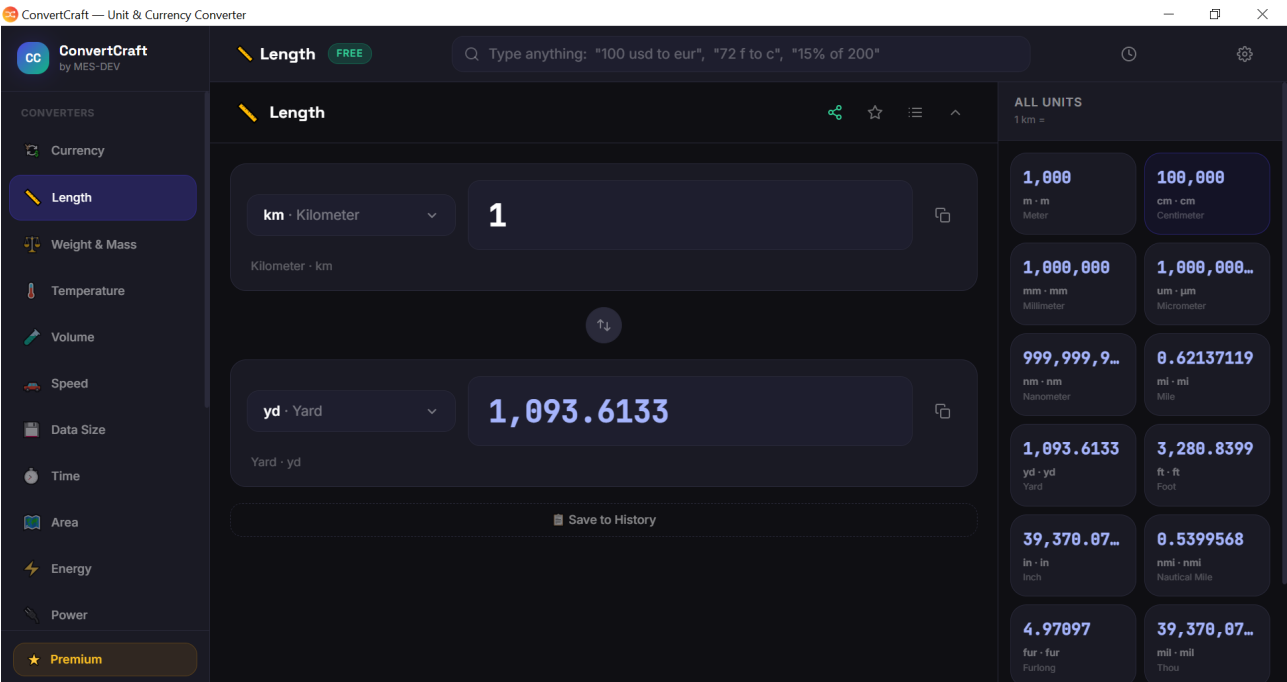
Click any category in the sidebar. The converter loads with sensible defaults, and the all-units panel fills in immediately.

Copying results

Every value has a copy button beside it. In the all-units panel, clicking a card both selects that unit and copies its value.

3. Converting units

All fourteen categories work the same way and are all free. Enter a value on the left, choose the units, and the result appears instantly.



ConvertCraft — Length, with every unit converted in the panel on the right.

How to use

- 1 Pick a category in the sidebar.
- 2 Choose the **from** unit and type a value.
- 3 Choose the **to** unit. The result updates as you type.
- 4 Use the **swap** button between the cards to reverse the direction.
- 5 Click the **star** to save the pair as a favourite for quick access.

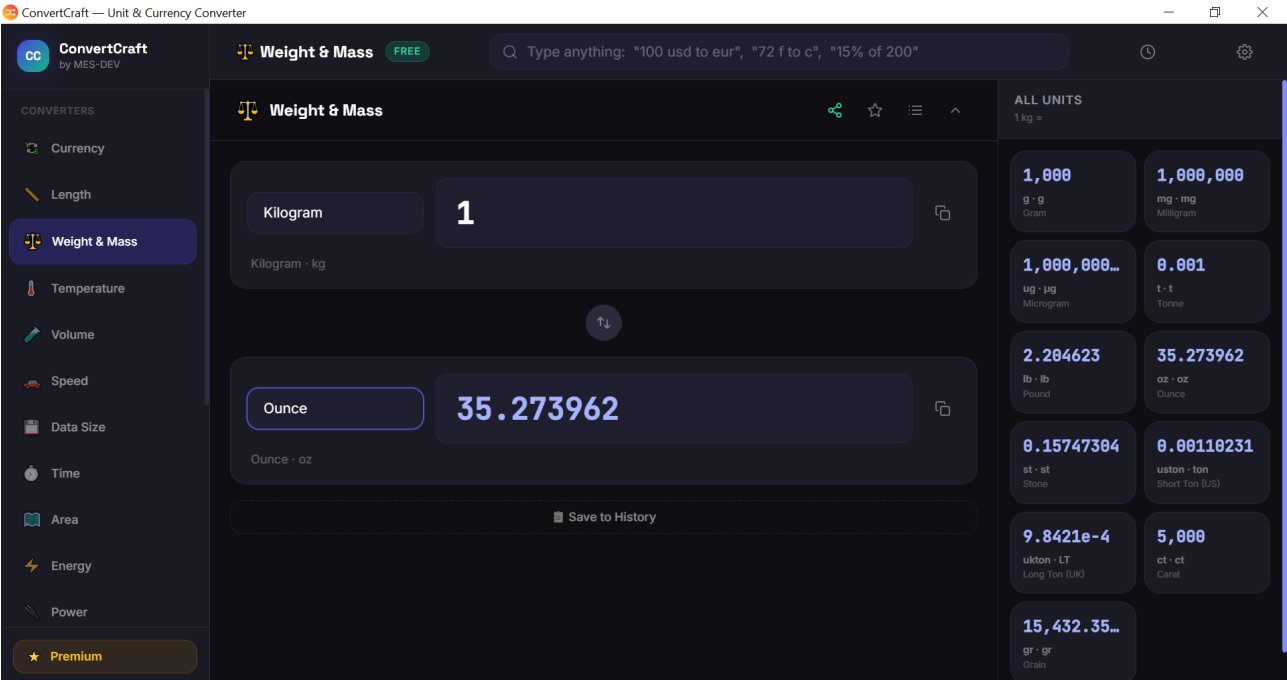
Setting	What it does
From / To	The units being converted between. Currency uses a searchable picker; other categories use a dropdown.
Swap	Reverses the direction, carrying the result into the input.
Formula	Shows the exact relationship, for example <i>1 HKD = 0.109486 EUR</i> .
Favourite (star)	Pins the pair to the top of the category. Free: three per category.
All units panel	Every other unit, converted live. Click a card to select and copy it.

US and UK measures are separate

A UK pint is 568 ml and a US pint is 473 ml — they are different units, so ConvertCraft lists them separately rather than guessing which you meant. The same applies to gallons, fluid ounces and MPG.

CONVERTERS

Weight & Mass

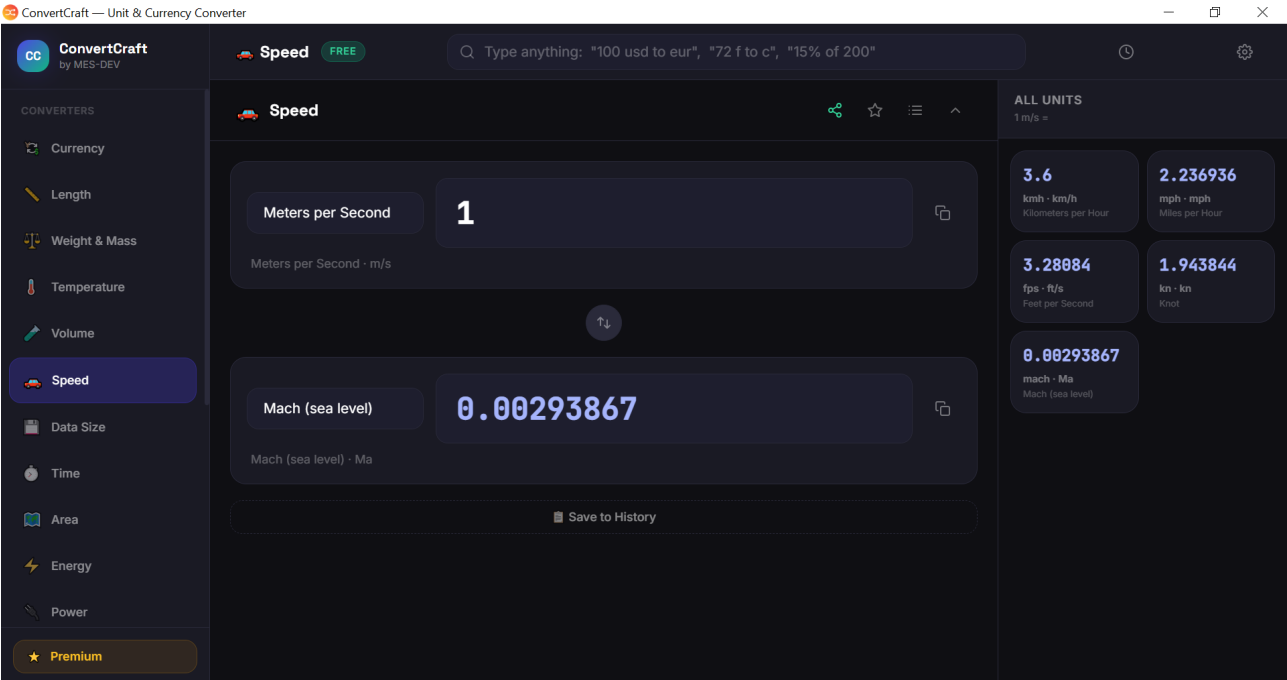


ConvertCraft — Weight & Mass.

Kilogram, gram, milligram, microgram, tonne, pound, ounce, stone, short ton (US), long ton (UK), carat and grain. The all-units panel shows all of them at once, which is often faster than picking a target unit at all.

CONVERTERS

Speed

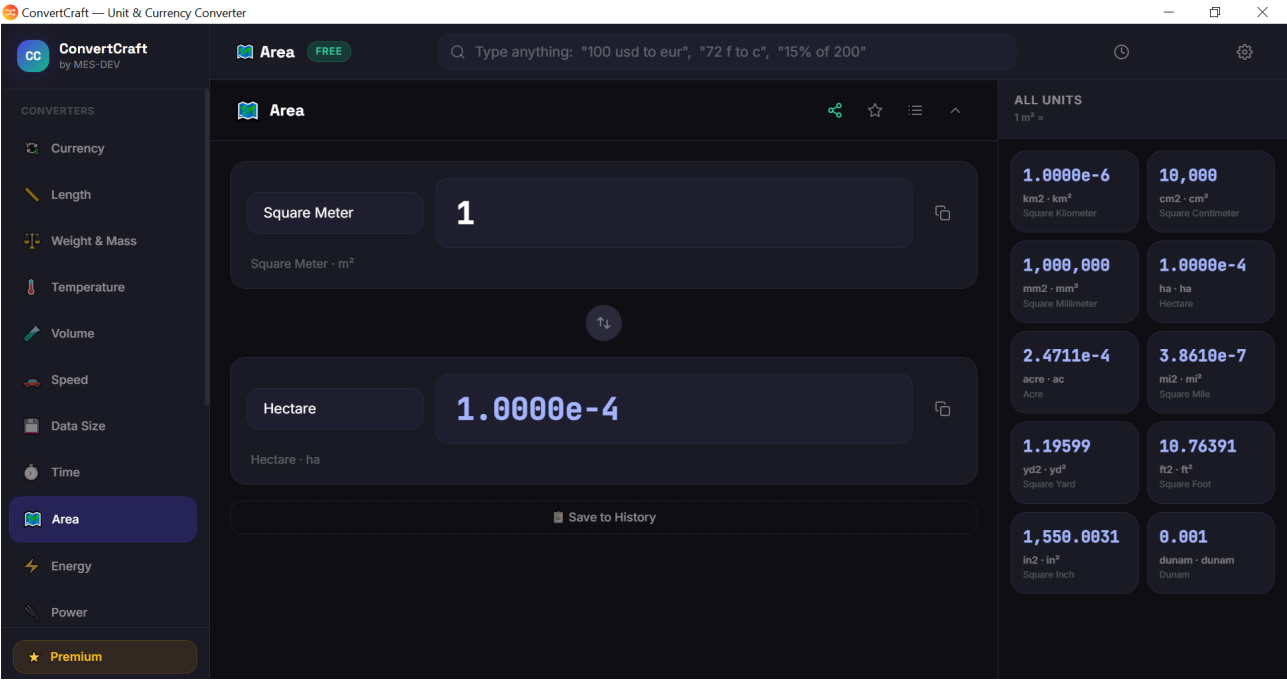


ConvertCraft — Speed.

Metres per second, kilometres per hour, miles per hour, feet per second, knots and Mach at sea level.

CONVERTERS

Area

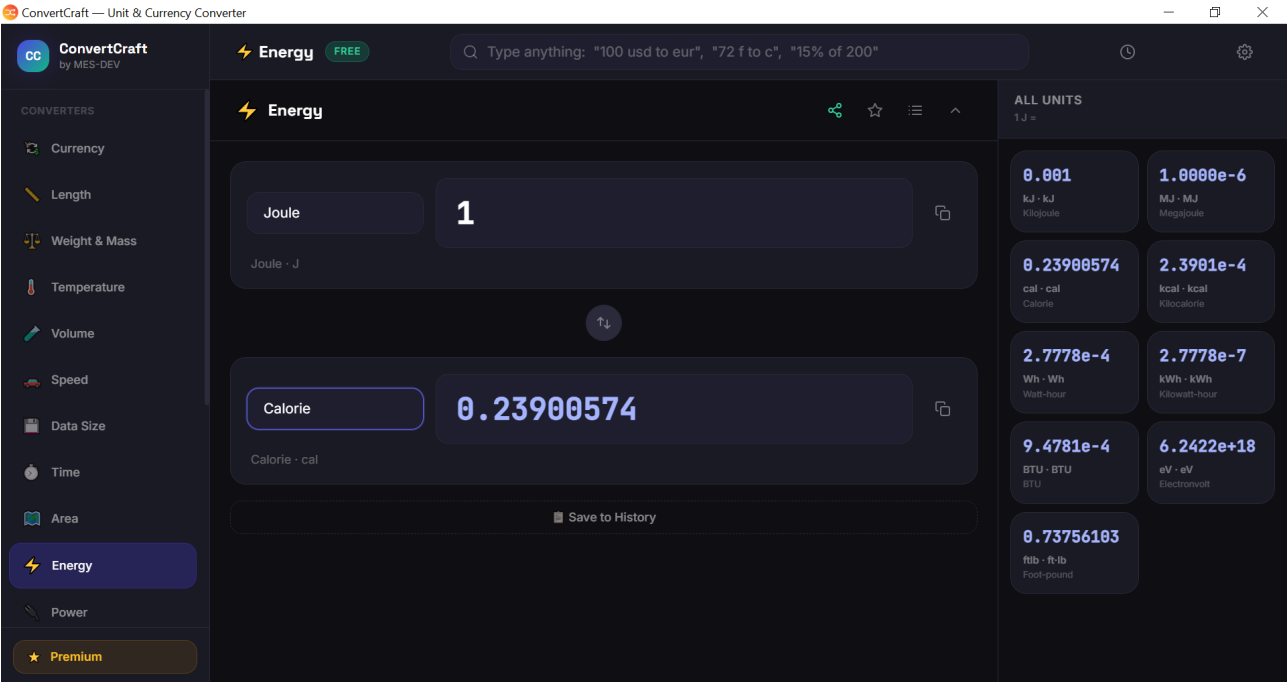


ConvertCraft — Area.

Square metres, kilometres, centimetres and millimetres, plus hectares, acres, square miles, yards, feet, inches and dunams.

CONVERTERS

Energy

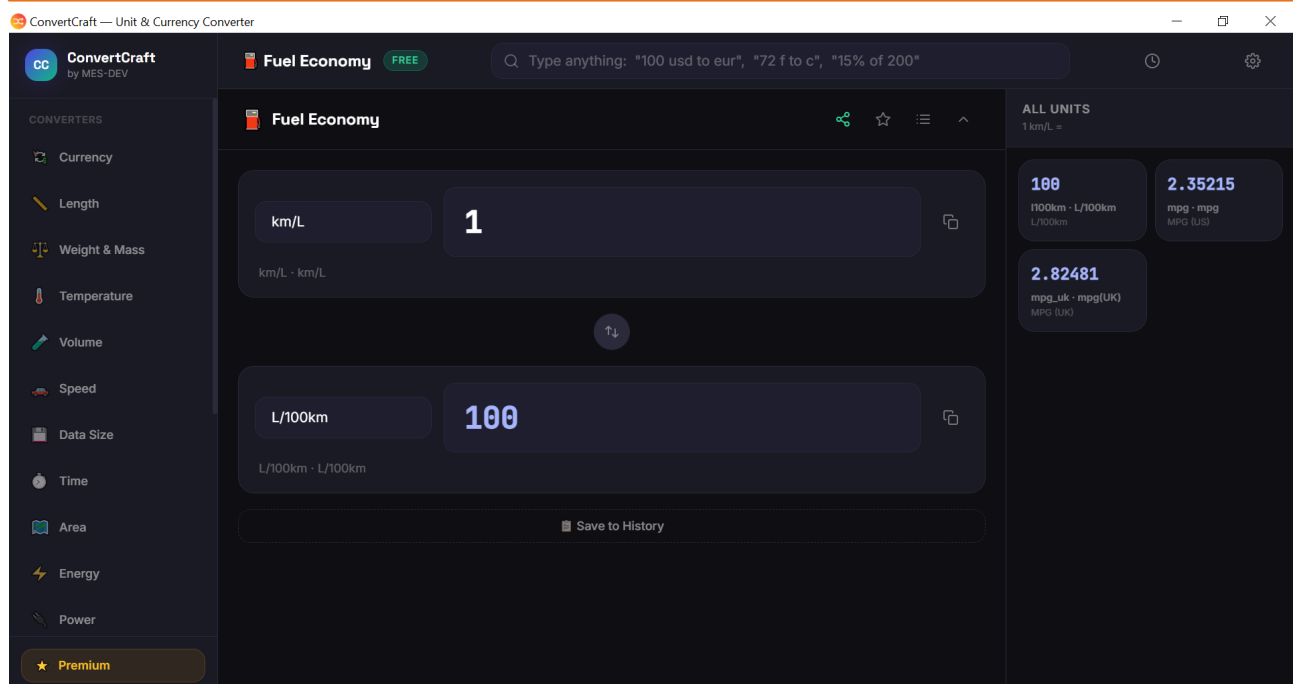


ConvertCraft — Energy.

Joules, kilojoules and megajoules, calories and kilocalories, watt-hours and kilowatt-hours, BTU, electronvolts and foot-pounds.

CONVERTERS

Fuel Economy



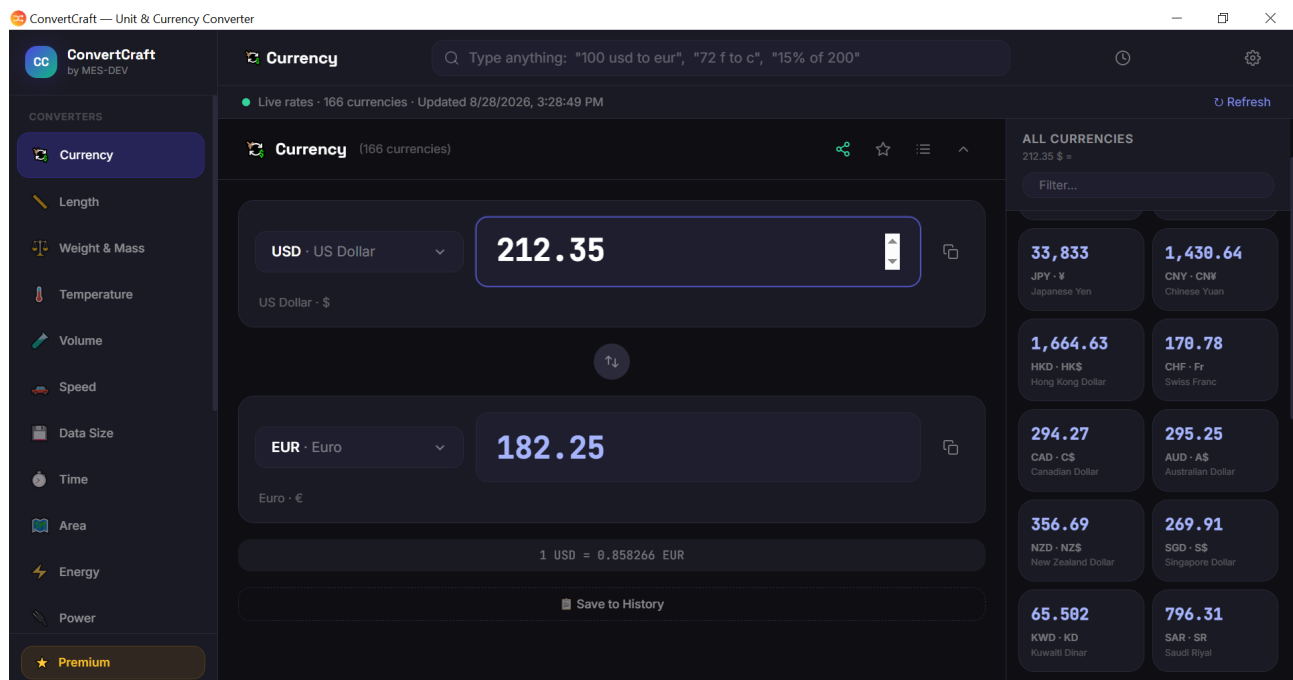
ConvertCraft — Fuel Economy.

L/100km, km/L, MPG (US) and MPG (UK). Fuel economy is the one category where the relationship is inverted — a lower L/100km is better, while a higher MPG is better — so ConvertCraft handles the reciprocal for you.

The other categories

Temperature (Celsius, Fahrenheit, Kelvin, Rankine), **Volume** (litres through to US and UK gallons, cups, tablespoons and teaspoons), **Data Size** (bytes to petabytes, plus the binary KiB/MiB/GiB units), **Time** (nanoseconds to centuries), **Power** (watts, horsepower mechanical and metric, BTU/h, tons of refrigeration), **Pressure** (pascals, bar, PSI, atmospheres, torr, mmHg, inHg) and **Number Base** (decimal, binary, octal, hexadecimal) all work identically.

4. Currency



ConvertCraft — Currency, with the all-currencies panel on the right.

Converts between world currencies at live exchange rates. The status bar under the top bar shows how many currencies are loaded and when the rates were last updated, with a **Refresh** button beside it.

How to use

- 1 Open **Currency** in the sidebar.
- 2 Click the from or to picker and start typing — *hkd*, *yen*, *dirham* all find the right currency.
- 3 Type an amount. The conversion and the whole panel update instantly.
- 4 Use the **Filter** box above the panel to narrow a long list.
- 5 Press **Refresh** if you want to pull the latest rates immediately.

Setting	What it does
Currency picker	Searchable by code, name or symbol. Popular currencies are listed first.
Filter	Narrows the all-currencies panel.
Refresh	Fetches the latest rates and updates the timestamp.
Status bar	Green means live rates; it also shows the number of currencies and the update time.

Free and Premium currencies

The free version covers **USD, EUR, GBP, CNY, SAR and AED** at live rates. Premium unlocks every currency the rate feed provides — over 160, including HKD, SGD, THB, MXN, BRL and ZAR.

Decimal places follow the currency

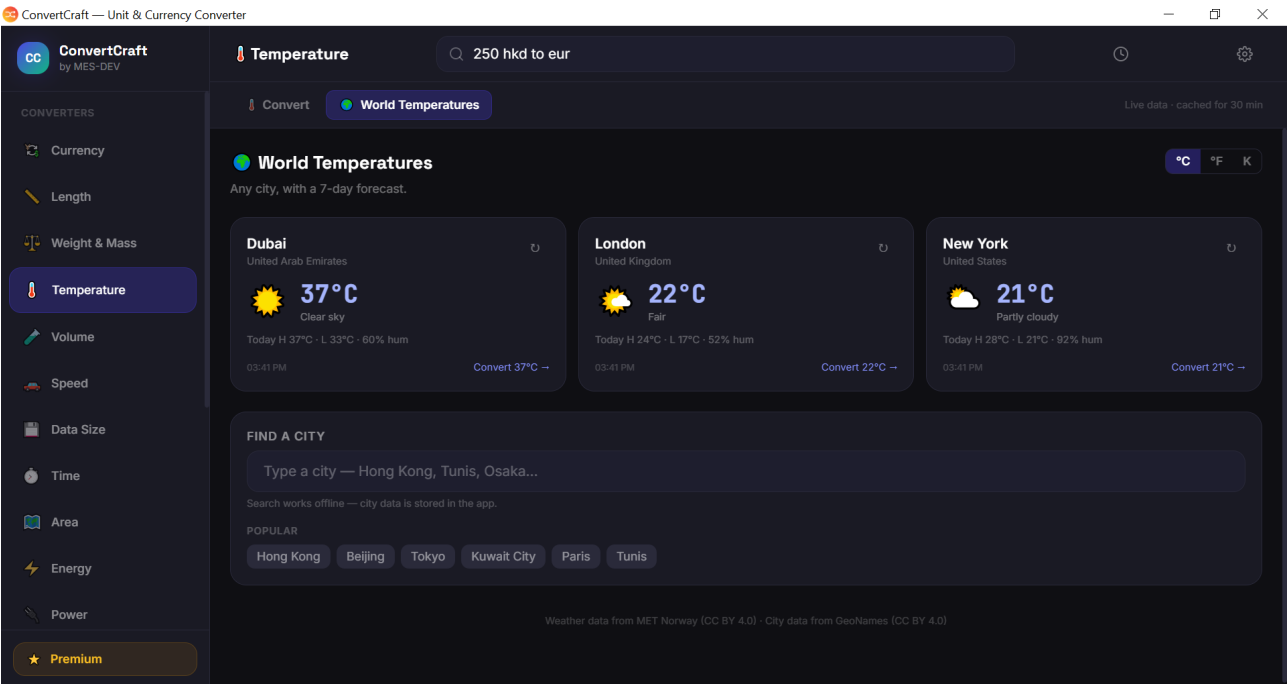
Amounts use the correct number of decimals for each currency: Japanese yen and Korean won show none, Kuwaiti dinar and Bahraini dinar show three, and most others show two. Rates themselves are shown to six decimal places in the formula line.

How often rates update

The exchange rate feed publishes once every 24 hours, so a refresh will not change the figures more often than that. Rates are cached on your computer, which is why currency conversion still works — with the last known rates — when you are offline.

5. World Temperatures

Inside the Temperature section there are two tabs: **Convert**, the ordinary temperature converter, and **World Temperatures**, which shows live conditions for cities around the world.



ConvertCraft — World Temperatures, showing the three free cities.

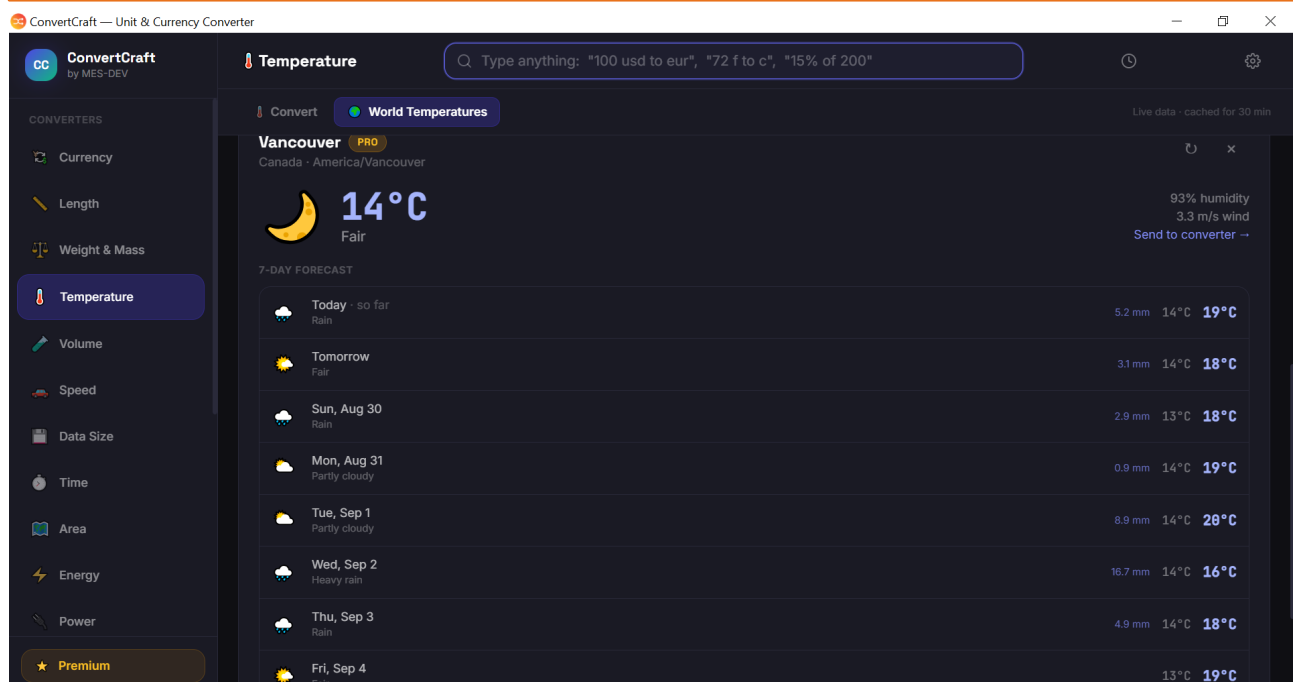
How to use

- 1 Open **Temperature** and switch to the **World Temperatures** tab.
- 2 The three free cities load automatically.
- 3 Use **Find a city** to search — this works with no internet connection, because the city list ships inside the app.
- 4 Click a city to open its detail panel.
- 5 Switch between **°C**, **°F** and **K** in the top right; everything on the screen converts.
- 6 Click **Convert** on any card to send that temperature to the converter tab.

Setting	What it does
City cards	Current temperature, conditions, today's high and low, and humidity.
Find a city	Offline search across the bundled city database.
°C / °F / K	Changes the unit for every reading on the screen.
Refresh (■)	Fetches the latest reading for that city.
Convert →	Loads that temperature into the Convert tab.

WORLD TEMPERATURES

The 7-day forecast



ConvertCraft — a Premium city with its full 7-day forecast.

Opening a city on Premium shows current conditions — temperature, humidity and wind — followed by a seven-day forecast with each day's high, low, expected rainfall and conditions.

Why today sometimes says “so far”

The first row covers only the hours remaining in that city's local day, so its high and low describe what is left rather than the whole day. Day names follow the *city's* calendar, not yours — open a city many hours behind you in the evening and “Today” may be a date that has already passed where you are.

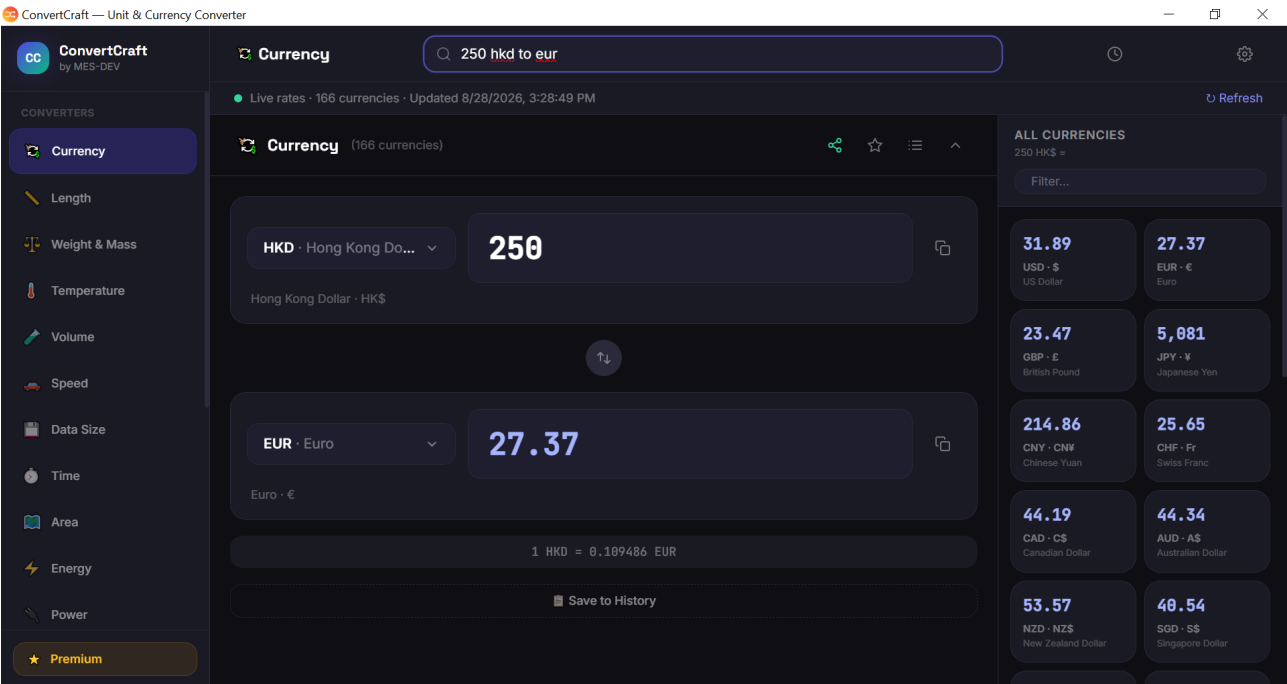
Free and Premium cities

The free version shows today's reading for **Dubai, London and New York**. Premium unlocks live conditions and the full seven-day forecast for every city in the app.

Weather data comes from the Norwegian Meteorological Institute (MET Norway) and city data from GeoNames, both under CC BY 4.0. ConvertCraft never asks Windows for your location — it sends only the coordinates of the city you chose.

6. The Smart Bar

The search box at the top of every screen accepts plain language. Type what you mean and press Enter — ConvertCraft works out the category, the units and the value.



ConvertCraft — the Smart Bar, after typing “250 hkd to eur”.

What it understands

5 kg in lb	Units by name or abbreviation
12 ft 3 in to cm	Compound values, added together
250 hkd to eur	Currency codes
\$50 to kwd · HK\$200 to usd	Currency symbols
72 f to c	Temperature shorthand
100 km	No target unit — shows every unit in the category
1,250 sgd to thb	Thousands separators are ignored
15% of 200	Percentages
2 + 3 * 4	Arithmetic

Words work too

You can write *kilos*, *pounds*, *feet*, *euros* or *dinar* instead of the abbreviations. Both *to* and *in* work as the connector, and *->* works as well.

7. Quick Convert

PREMIUM

This is the reason ConvertCraft is a desktop application rather than a website. Press **Ctrl + Shift + Space** anywhere in Windows and a small converter appears over whatever you are working on.

How to use

- 1 Press **Ctrl + Shift + Space** from any application.
- 2 Type your conversion, exactly as you would in the Smart Bar.
- 3 Press **Enter** — the answer is copied to your clipboard and the window disappears.
- 4 Press the shortcut again, or **Escape**, to dismiss it without copying.
- 5 Clicking any other window also closes it.

Setting	What it does
Ctrl + Shift + Space	Opens the overlay. Pressing it again closes it.
Enter	Copies the result and closes the overlay.
Escape	Closes without copying.
Drag strip	The bar along the top moves the window.

Changing the shortcut

If another application already uses Ctrl + Shift + Space, open **Settings** → **Quick Convert Hotkey** and pick a different combination. The default deliberately avoids Ctrl + Space, which switches input methods for Chinese, Japanese and Korean keyboards on Windows.

ConvertCraft stays in the system tray

So the hotkey and rate alerts keep working, closing the window hides ConvertCraft to the notification area rather than quitting. Double-click the tray icon to bring it back, or right-click it and choose **Quit ConvertCraft** to exit properly.

8. Cooking Mode

FREE

Kitchen conversions that a generic unit converter gets wrong. A cup of flour and a cup of honey occupy the same volume but weigh very different amounts, so Cooking Mode converts by ingredient rather than by volume alone.

Ingredient weights

- 1 Choose an ingredient — flour, sugar, butter, honey, rice and others.
- 2 Enter an amount in cups, tablespoons or teaspoons.
- 3 Read the weight in grams and ounces.

Oven temperatures

A reference table converting between Celsius, Fahrenheit and British gas marks, so a recipe written for one oven can be followed on another.

Recipe scaler

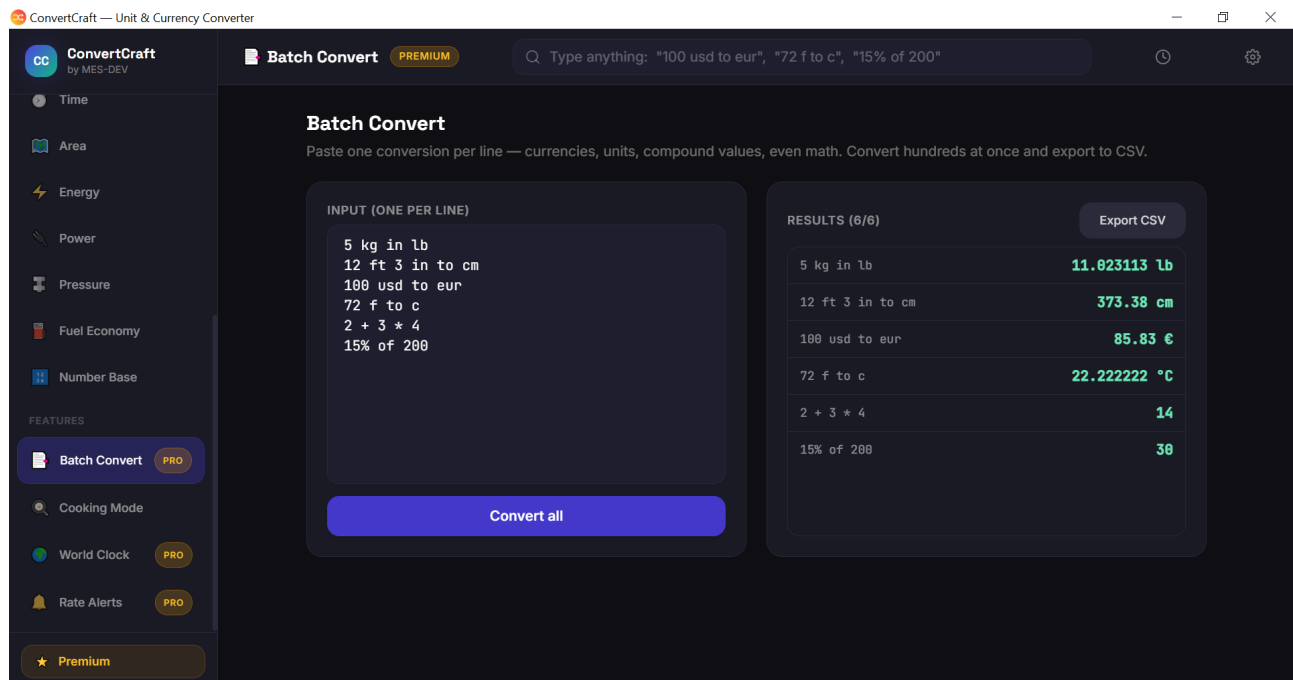
Enter the servings a recipe is written for and the number you want, and every quantity scales proportionally.

Why ingredient choice matters

One US cup of all-purpose flour is about 125 g, while one cup of honey is about 340 g. Converting “1 cup” without knowing the ingredient would be wrong by a factor of nearly three.

9. Batch Convert

PREMIUM



ConvertCraft — Batch Convert, with results ready to export.

Converts a whole list at once. Paste one conversion per line — in any mix of categories — and every line is resolved using the same engine as the Smart Bar.

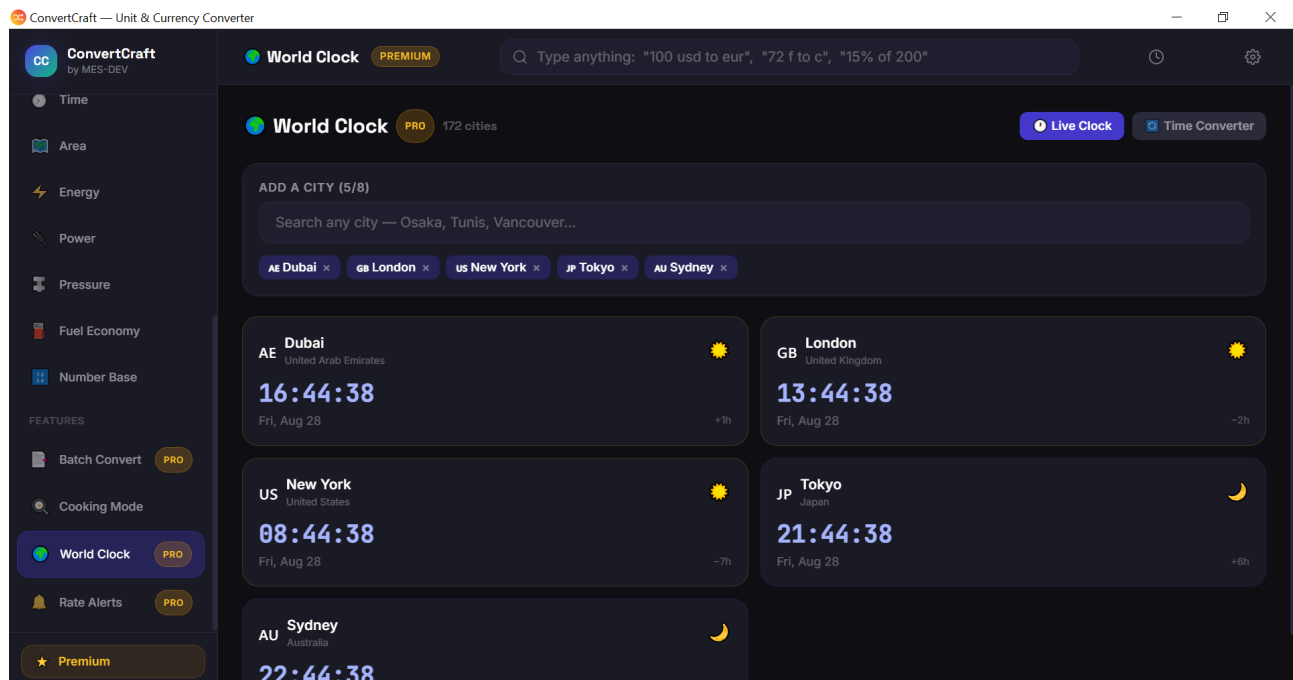
How to use

- 1 Open **Batch Convert** and paste your list into the input panel, one conversion per line.
- 2 Click **Convert all**.
- 3 Read the results on the right; the counter shows how many lines resolved.
- 4 Click **Export CSV** to save the input and results as a spreadsheet.

Setting	What it does
Input	One conversion per line. Units, currencies, compound values and maths can be mixed freely.
Convert all	Processes every line.
Results	Each line with its answer. The counter shows how many succeeded.
Export CSV	Writes the whole list to a CSV file.

10. World Clock

PREMIUM



ConvertCraft — World Clock, tracking five cities live.

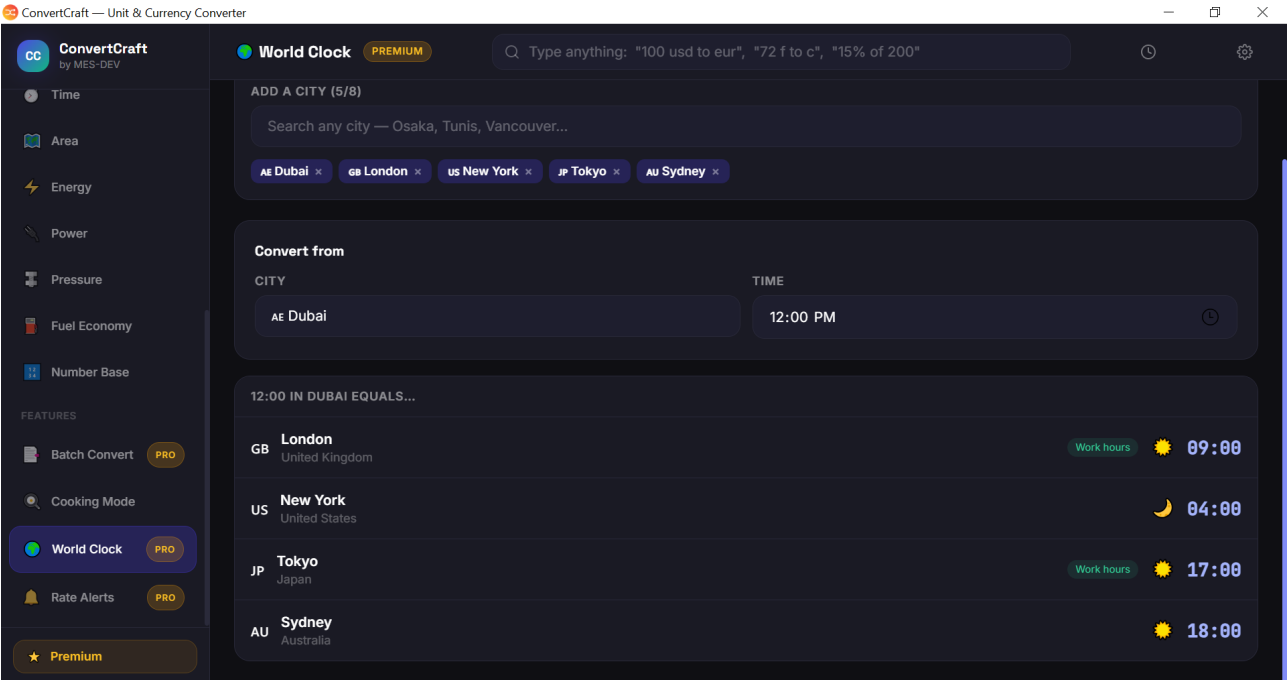
Live time across up to eight cities of your choosing, drawn from the same 172-city database as World Temperatures. Each card shows the local time ticking, the date, a sun or moon for day and night, and the offset *from you* rather than from UTC.

How to use

- 1 Open **World Clock** and search for a city in **Add a city**.
- 2 Click a result to add it. You can track up to eight.
- 3 Click a city chip to remove it.
- 4 Your selection is remembered between sessions.

WORLD CLOCK

Time Converter



ConvertCraft — the Time Converter, showing one time across every tracked city.

Switch to the **Time Converter** tab to answer the scheduling question directly: pick a city and a time, and see the equivalent in every other city you track. Cities where that lands inside normal working hours are marked.

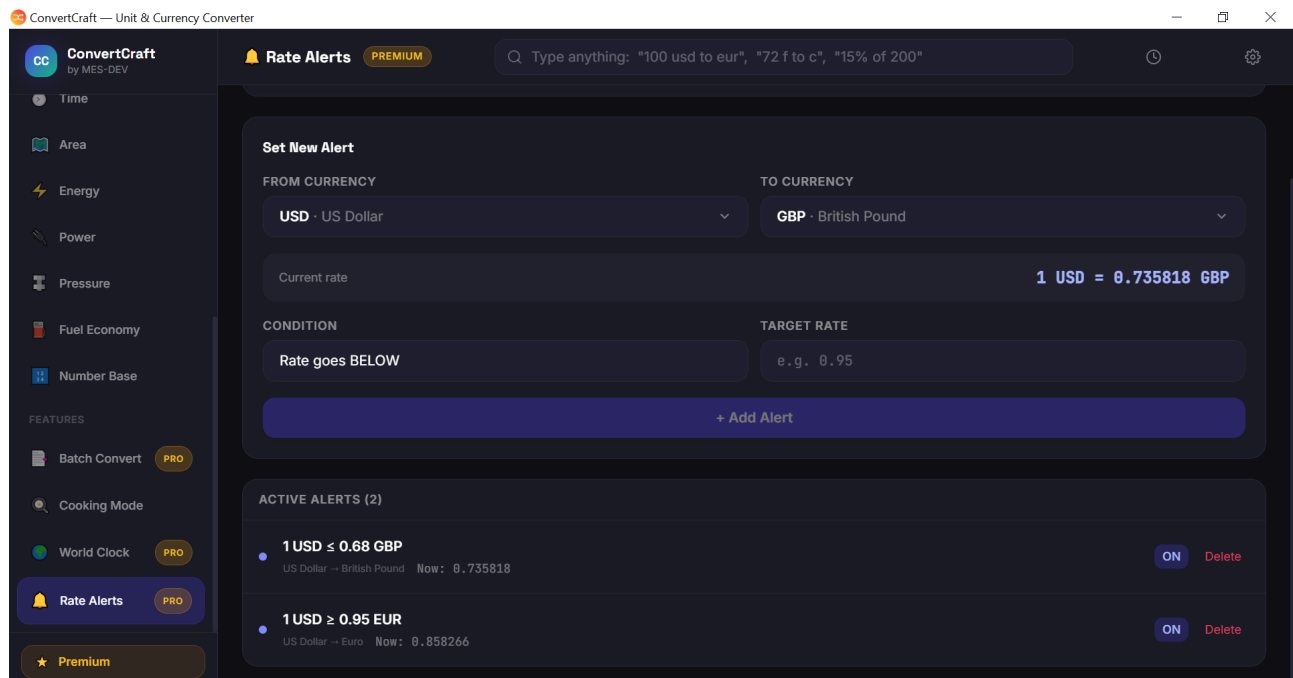
How to use

- 1 Switch to **Time Converter**.
- 2 Choose the source city and a time.
- 3 Read the equivalent time in every other tracked city.
- 4 Look for the **Work hours** tag to find a slot that suits everyone.

Setting	What it does
Add a city	Searchable across all 172 cities. Up to eight at once.
Live Clock	Ticking local time, date, day/night and the offset from you.
Time Converter	One time expressed across every tracked city.
Work hours	Marks cities where the converted time falls between 09:00 and 18:00.

11. Rate Alerts

PREMIUM



ConvertCraft — Rate Alerts, with two active alerts.

Watches a currency pair and raises a Windows notification when it reaches the level you set — useful when you are waiting for a good moment to transfer money or book a trip.

How to use

- 1 Open **Rate Alerts** and choose the from and to currencies.
- 2 The current rate is shown so you can pick a sensible target.
- 3 Choose whether to be told when the rate goes **ABOVE** or **BELOW** your target, and enter the figure.
- 4 Click **+ Add Alert**. It appears in the active list.
- 5 Use **ON / OFF** to pause an alert, or **Delete** to remove it.

Setting	What it does
From / To	The currency pair to watch.
Condition	Notify when the rate goes above, or below, your target.
Target rate	The level that triggers the alert.
ON / OFF	Pauses an alert without deleting it.
Desktop notifications	Turns Windows notifications on or off for all alerts.

How often alerts are checked

Exchange rates publish once a day, so an alert can fire at most once a day. ConvertCraft checks hourly to notice the new rates promptly. Alerts fire once when the rate *crosses* your target, not repeatedly for as long as it stays there.

Alerts work with the window closed

ConvertCraft stays in the system tray when you close the window, so alerts continue to be checked. Quit from the tray icon when you want to stop it entirely.

12. History & favourites

HISTORY

The history drawer

PREMIUM

Click the **clock icon** in the top bar to slide open your conversion history from any screen. Press **Escape** or click outside to close it.

- 1 Do a conversion, then click **Save to History** beneath the converter.
- 2 Open the drawer with the clock icon to review past conversions with their timestamps.
- 3 Filter by category, export the list to CSV, or clear it entirely.

FAVOURITES

Pinning a pair

FREE — three per category

Click the **star** in the converter header to pin the current pair. Pinned pairs appear as buttons above the converter, so a conversion you do often is one click away. The free version allows three per category; Premium is unlimited.

13. Settings & Premium

Open **Settings** with the gear icon in the top right.

Activating Premium

- 1 Buy a licence at **mes-dev.com**. Your key arrives by email.
- 2 Open **Settings** → **Licence**, paste the key and click **Activate**. Your computer must be online for this step.
- 3 Premium features unlock immediately — no restart needed.
- 4 To move your licence to another computer, deactivate it here first.

Quick Convert Hotkey

Choose from four preset combinations, or keep the default. If a shortcut is already in use by another application, ConvertCraft tells you rather than failing silently.

About

Shows the version you are running, along with the data credits: weather from MET Norway and city data from GeoNames, both CC BY 4.0, and exchange rates from ExchangeRate-API.

One purchase, no subscription

A ConvertCraft Premium licence is bought once and does not expire. It covers the computers listed on your licence, and you can deactivate a machine from inside the app to free a slot.

14. Tips & FAQ

Free to download

ConvertCraft is free to download and use, with no account and no time limit. All fourteen conversion categories work offline, forever. Premium is optional and is a single purchase.

Handy tips

- **Learn one shortcut.** Ctrl + Shift + Space from anywhere in Windows is faster than opening the app, and Enter copies the answer.
- **Type instead of clicking.** The Smart Bar understands “5 kg in lb” and “250 hkd to eur” — it is usually quicker than choosing units by hand.
- **Use the all-units panel.** When you are not sure which unit you want, leave the target alone and read the whole panel.
- **Pin what you repeat.** The star turns a pair you use daily into a one-click button.
- **Watch the US and UK measures.** Pints, gallons, fluid ounces and MPG differ between them; ConvertCraft lists both so you can pick deliberately.
- **Cooking Mode, not Volume, for recipes.** Ingredient weight depends on what the ingredient is.
- **Batch, not one at a time.** For a list of conversions, paste the lot into Batch Convert and export a CSV.
- **Check the rate timestamp.** The currency status bar shows exactly when rates were last updated.

Frequently asked questions

Is ConvertCraft really free?

Yes. The download is free with no time limit and no account. All fourteen conversion categories, the Smart Bar and Cooking Mode are free. Premium is an optional one-time purchase that unlocks every currency, weather for any city, the Quick Convert hotkey, rate alerts, the world clock, batch conversion and history.

Does ConvertCraft work offline?

Every conversion works offline, and so does city search, because the unit tables and city database ship inside the app. Only two things need a connection: refreshing exchange rates and fetching weather. Both are cached, so the last known values remain available.

Why did the app not close when I clicked X?

ConvertCraft hides to the system tray so rate alerts keep working and the Quick Convert hotkey stays available. Right-click the tray icon and choose Quit ConvertCraft to exit.

The Quick Convert hotkey does nothing.

Another application probably owns Ctrl + Shift + Space. Open Settings → Quick Convert Hotkey and pick a different combination. ConvertCraft also needs to be running, either open or in the tray.

How often do exchange rates update?

The rate feed publishes once every 24 hours, so refreshing more often will not change the figures. The status bar always shows when the rates you are seeing were fetched.

Why does a currency show a different number of decimals?

Currencies have different smallest units. Japanese yen has no minor unit so it shows whole numbers; Kuwaiti dinar divides into thousandths so it shows three decimals.

Does ConvertCraft know where I am?

No. It never asks Windows for your location and does not use GPS or IP geolocation. When you look up a city's weather, it sends that city's coordinates — chosen by you from a list inside the app — and nothing about your own position.

Why does “Today” show a date that has already passed?

Forecast days follow the city's local calendar, not yours. If you look up a city many hours behind you, its today may be your yesterday.

Why is one forecast day marked “so far”?

That day is already partly over in that city, so its high and low describe the hours remaining rather than the whole day.

Can I use my licence on more than one computer?

Yes, up to the number of devices your licence allows. Deactivate a machine in Settings → Licence to free a slot for another.

What is the difference between Volume and Cooking Mode?

Volume converts between measures of space — litres, gallons, cups. Cooking Mode converts a volume of a specific ingredient into a weight, which depends on the ingredient's density.

Are US and UK pints the same?

No. A US pint is 473 ml and a UK pint is 568 ml. ConvertCraft lists them separately so you always know which one you are using. The same applies to gallons, fluid ounces and MPG.

What does the app run on?

ConvertCraft is a Windows desktop application, for Windows 10 version 1809 or later, 64-bit.

Support

ConvertCraft is made by MES-DEV. For updates, licences, support and our other applications, visit **mes-dev.com** or write to **contact@mes-dev.com**.