These are some questions that we feel will be asked, and need to be answered.

⚡ WattWise — 100 Frequently Asked Questions

◆ GENERAL OVERVIEW

1. What is WattWise, and why should I use it?
Ans. WattWise is a free, open-source web app that helps you calculate and understand your electricity bill easily.

2. How does WattWise help me save energy?
Ans. By showing you how much energy each appliance uses, so you can spot where to reduce consumption.

3. Why should I use WattWise over other calculators?
Ans. It's cleaner, ad-free, and made for everyday users — no spam, no popups, just clarity.

4. Is WattWise accurate?
Ans. Yes — it uses standard electrical formulas, so your results are very close to real bills.

5. Who created WattWise?
Ans. Developed by **Aryan Saxena** — first for a science exhibition, then expanded for public use.

6. What makes WattWise different?
Ans. Its modern UI, transparency, and focus on simplicity make it more approachable than most calculators.

7. Is WattWise open-source?
Ans. Yep! The code is public on GitHub — you can inspect, fork, and improve it.

8. Is WattWise free to use?
Ans. Completely. No ads, subscriptions, or paid features — just knowledge.

9. Do I need to sign up or log in?
Ans. Not at all. It works instantly, anonymously, and privately in your browser.

10. Does WattWise work worldwide?
Ans. Yes! You can use it with any currency or rate — just change the cost per kWh.

⌨ USING WATTWISE

11. How do I start using WattWise?
Ans. Open the webpage, enter your appliance data, and it'll calculate automatically.

12. What info do I need to use WattWise?
Ans. Wattage, usage hours per day, and your local electricity rate.

13. Can I add multiple appliances?
Ans. Absolutely — add as many as you want and get a total estimate.

14. Can I edit or remove an appliance entry?
Ans. Yes — you can adjust inputs or delete items anytime.

15. Can I save my calculations?
Ans. Not yet, but a "Save Session" or "Export Results" option is planned.

16. Does WattWise auto-calculate as I type?
Ans. Yes, it updates results instantly with every change.

17. Can I use WattWise offline?
Ans. Some browsers may cache it, but it works best online.

18. Can I print my WattWise report?
Ans. Yes, just use your browser's "Print" option or save as PDF.

19. Can WattWise estimate for my whole house?
Ans. Definitely! Add all your devices and see your total cost.

20. Can WattWise handle commercial or office use?
Ans. Yes, you can input any devices — home, office, or industrial.

▯ DEVICE COMPATIBILITY

21. Does WattWise work on mobile phones?
Ans. Perfectly — it's fully responsive and lightweight.

22. What browsers does WattWise support?
Ans. Chrome, Edge, Firefox, Safari, and most modern browsers.

23. Does it work on iOS and Android?
Ans. Yes, both — it's web-based, so no downloads needed.

24. Can I install WattWise as a PWA (Progressive Web App)?
Ans. Planned for future updates!

25. Can I use WattWise on my school computer?
Ans. Yes — it doesn't need admin permissions or installs.

26. Will it work on slow Wi-Fi?
Ans. Yes, WattWise is optimized for fast loading even on weak connections.

27. Is WattWise accessible for people with vision difficulties?
Ans. Accessibility improvements like dark mode and font scaling are planned.

28. Can I use WattWise on a smart TV browser?
Ans. Technically yes, but it's optimized for phone and PC.

29. Is WattWise lightweight?
Ans. Extremely — it's under a few MB and runs entirely client-side.

30. Can I use WattWise without cookies?
Ans. Yes — WattWise doesn't use cookies or trackers.

⚙ FEATURES & FUNCTIONS

31. What does the main calculator do?
Ans. It estimates your monthly power consumption and electricity cost.

32. Does WattWise include pre-loaded appliance examples?
Ans. Yes — you can pick common items like fans, TVs, or ACs.

33. Can I adjust usage in hours per day or month?
Ans. Yes — you can specify daily hours, and WattWise multiplies automatically for monthly cost.

34. Can I switch between units like kWh or Wh?
Ans. kWh is default, but more unit options are being developed.

35. Does WattWise support tiered billing rates?
Ans. Slab-based billing is coming in future updates.

36. Can WattWise show visual graphs?
Ans. Not yet, but charts and pie visuals are on the roadmap.

37. Can I compare different appliances?
Ans. Yes — just enter multiple ones and compare cost and energy use.

38. Does WattWise calculate total daily usage?
Ans. Yes — both daily and monthly totals are displayed.

39. Can I enter half-hour or decimal hours?
Ans. Of course — WattWise accepts decimals like 2.5 hours/day.

40. Does it remember my last session?
Ans. Not yet — privacy first. Local save options will be added soon.

🔋 ENERGY INSIGHTS

41. Can WattWise show which device consumes most energy?
Ans. Yes — it ranks appliances by their power cost.

42. How can WattWise help me save money?
Ans. By revealing energy-hungry devices you can limit or replace.

43. Does it warn me if my total usage is too high?
Ans. A "High Usage Alert" feature is in development.

44. Can it estimate carbon emissions?
Ans. Soon — it'll estimate CO_2 output per kWh used.

45. Can WattWise help plan solar setups?
Ans. Solar and renewable calculators are being considered.

46. Can I track changes in usage over time?
Ans. Future updates may include comparison charts and history logs.

47. Does WattWise suggest energy-saving tips?
Ans. Yes — a built-in "WattTips" section is planned.

48. Can WattWise detect faulty appliances?
Ans. It can't directly detect them yet, but abnormal usage can indicate problems.

49. Can I calculate standby or vampire power?
Ans. Yes, by entering low wattage for idle devices.

50. Will WattWise support smart plug integration?
Ans. That's a long-term vision — to connect with live hardware sensors.

▢ TECHNICAL DETAILS

51. What formula does WattWise use?
Ans. (Watt × Hours × Days) ÷ 1000 = kWh.

52. How does it calculate cost?
Ans. Total kWh × your local rate (₹/kWh) = monthly cost.

53. Can it handle fractional kWh rates?
Ans. Yes, precise decimal values are supported.

54. Does it round results?
Ans. It shows up to two decimals for readability.

55. Can I change the number of days per month?
Ans. Yes, if your billing cycle differs (e.g., 28–31 days).

56. What programming language is WattWise made with?
Ans. HTML, CSS, and JavaScript — simple and open.

57. Is there any backend server?
Ans. None — it's fully client-side for speed and privacy.

58. Can developers embed WattWise in other sites?
Ans. Yes, through iframe or by hosting the open-source code.

59. Does WattWise store user data?
Ans. No — all data stays in your browser.

60. Can it export data as CSV or JSON?
Ans. Planned for future releases.

🌐 AVAILABILITY & ACCESS

61. Where can I access WattWise?
Ans. From aryansaxenaofficial.github.io/wattwise.

62. Is there a desktop app version?
Ans. Not yet — only a web version.

63. Will WattWise come to the Play Store?
Ans. A lightweight PWA app version is planned.

64. Does WattWise require internet every time?
Ans. Usually yes, but cached versions can run offline.

65. Is WattWise region-locked?
Ans. No, it's fully global.

66. Can I change the language?
Ans. Currently English only; translations are welcome.

67. Is there a dark mode?
Ans. Coming soon — a user-voted top feature.

68. Can WattWise work in low-light mode automatically?
Ans. Yes, it will soon sync with system theme.

69. Is WattWise mobile-data friendly?
Ans. Absolutely — very low data usage.

70. Can I bookmark WattWise for quick access?
Ans. Yes! Just add it to your home screen.

☐ CUSTOMIZATION & COMMUNITY

71. Can I customize the UI colors?
Ans. Basic theming options are planned.

72. Can I fork WattWise?
Ans. Yes — it's open-source under an MIT license.

73. How can I contribute?
Ans. Through GitHub pull requests, bug reports, or feature suggestions.

74. Can I translate WattWise to my language?
Ans. Please do! Translations are community-driven.

75. Can schools use WattWise for projects?
Ans. Yes — it's great for teaching energy awareness.

76. Can I showcase WattWise at an exhibition?
Ans. Of course! Just credit the project.

77. Can I use WattWise data in my research?
Ans. Yes — it's open and free to cite.

78. Does WattWise have social media pages?
Ans. Not yet — updates are shared via GitHub.

79. Can I contact the creator?
Ans. Yes — via GitHub profile or portfolio site, or you may use discord (join our server) and DM @aryansaxenaofficial

80. Can I donate to support WattWise?
Ans. Donations are planned once a stable release is out.

⌾ FUTURE & VISION

81. What stage is WattWise in right now?
Ans. Pre-alpha — core features are being refined.

82. What new features are planned?
Ans. Graphs, dark mode, smart suggestions, and offline saves.

83. Will WattWise support IoT devices?
Ans. Yes, long-term goal: connect to smart sensors for live readings.

84. Can WattWise connect to Arduino or ESP boards?
Ans. Possibly — for hobbyists, that's being explored.

85. Will WattWise ever include AI?
Ans. Maybe! AI could help predict overuse or faulty devices.

86. Will WattWise have a "WattGuard" mode?
Ans. No, but a function to detect abnormal power usage is being considered for future versions.

87. Can it recommend cheaper appliances?
Ans. That's on the wishlist for version 2.0.

88. Can it predict monthly usage trends?
Ans. Planned for later releases with graph analytics.

89. Will WattWise integrate with smart meters?
Ans. Hopefully — if APIs become accessible.

90. Can WattWise export to Excel or Google Sheets?
Ans. Planned for data analysis enthusiasts.

⌖ FUN, FACTS & MISC

91. Why the name "WattWise"?
Ans. It means being *smart about your watts* — clever and energy-aware.

92. What inspired WattWise?
Ans. The need for a modern, simple electricity calculator without clutter.

93. What does the logo represent?
Ans. A spark of awareness — your power knowledge lighting up.

94. When was WattWise first created?
Ans. As a science fair project in 2024.

95. How long did it take to make the first version?
Ans. Just a few weeks — then continuously improved.

96. How many people worked on WattWise?
Ans. Initially one, but open to all contributors now.

97. Can I view older versions of WattWise?
Ans. Yes — check GitHub commits or releases.

98. What's the ultimate goal of WattWise?
Ans. To make people more conscious of their power use — beautifully.

99. Can WattWise be used in developing countries?
Ans. Absolutely — it's built to work on any device, even low-end ones.

100. What does "Pre-Alpha" mean?
Ans. It's an early experimental phase before official beta and public releases.

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