

PHOTOVOLTAICS

The private energy transition saves energy costs, protects the environment, is an exciting challenge and can also be fun. Some things, such as photovoltaic systems or solar batteries, are becoming increasingly cheaper, while others, such as heat pumps, remain expensive, and some relationships also remain complex. The new c't special issue on photovoltaics provides an overview and also takes into account new developments such as dynamic electricity tariffs.

TOPICS

Your personal energy transition

- Feed-in tariff and funding of photovoltaic systems
- Installing PV power on apartment buildings
- Energy transition 2024: Where it is making progress and where it is not
- What smart meters do, what they cost and how to get them
- Saving money with dynamic electricity tariffs
- Smart meter alternatives: meter reading heads & co.
- Renewable energies: Why expensive winter electricity is the new normal

Balcony power plants and batteries

- Tested: Zendure SolarFlow 800, Anker Solarbank 3 Pro
- When storage for balcony power plants is worthwhile
- Twelve storage units for balcony power plants put to the test
- Tested: Ecoflow Delta Pro 3 solar generator

Up on the roof – planning and building PVs

- Economic efficiency of PV systems
- The ideal size of the inverter
- Lightning protection for PV systems: What is mandatory, what is superfluous

- Charging PV home storage with mains electricity: What works, what is worthwhile
- What the next generation of solar cells can achieve: 50 percent efficiency
- Rent out a house or apartment with a PV system

Clever heating and cooling

- Ways to economical and environmentally friendly heating
- How heat pumps work
- Modbus: Collecting energy data and controlling consumers
- Save heating costs with hydraulic balancing
- Optimizing heat pumps with PV and screed heat storage
- How useful a solar battery is for the heat pump
- Basics and installation of air conditioners
- Tested: portable air conditioners
- Tested: split air conditioner Midea PortaSplit and air conditioner Ecoflow Wave 2
- Cooling with the heat pump: when the underfloor heating provides cooling

DATES

On sale

23 May 2025

Space close

30 April 2025

Materials

06 May 2025

Size	Type area	Bleed* (w x h)	4c
2/1 page	390 x 201	420 x 240	€ 9,950
1/1 page	185 x 201	210 x 240	€ 4,990
Portrait size A	145 x 201	156 x 240	€ 4,025
Portrait size B	105 x 201	116 x 240	€ 2,865
Portrait size C	60 x 201	71 x 240	€ 2,010
1/2 page Landscape	185 x 98	210 x 115	€ 2,574
1/3 page Landscape	185 x 64	210 x 81	€ 1,716
1/4 page Landscape	185 x 48	210 x 65	€ 1,352
Cover page 2 and 4			€ 6,250
Cover page 3			€ 5,460

PRINT RUN: 24,000 COPIES

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Fixed placement: + 10 %, all prices plus VAT
* Bleed: 3mm bleed allowance

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