



## Press Release

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Text 4389 - The Solarhouse 50 +-EN vom 07.06.10  
2 Seite(n), 492 Wörter, 2709 Zeichen  
für Presse

### CitrinSolar from Moosburg

## The Solarhouse 50 +

### More than half with solar energy supply

**CitrinSolar has developed an independent complete system for a house that sets new standards with more than 50 per cent solar energy supply. The aim is an economic solution both for optimally insulated new and also renovated traditional older buildings.**

CitrinSolar is a long-standing supplier of complete systems and has many years' experience of collector and storage construction. But now the Moosburg company is going a step further.

50+ – this does not refer to a residential home for the generation aged 50 years plus. An independent complete system is to be achieved with solar energy covering more than 50 per cent of the energy supply. The idea is not only devised for optimally insulated new buildings, but also for renovated existing buildings, which can be transformed into the solar house 50+.

Special module collectors for integration into the roof - the CS 300 M – are installed as a closed field and modular installed storage systems are planned specifically for each system up to a volume of 10,000 litres in series. In this case, from the outset, built-in components are dispensed with as they require maintenance. Hot water preparation occurs outside the storage units by means of a service water module which can be optimally adapted to the customer's needs. Inside the storage unit, there is sufficient space for this in the layer building and layered conserving components.

CitrinSolar GmbH  
Energie- und Umwelttechnik  
Böhmerwaldstraße 32  
85368 Moosburg  
Telefon : +49-(0)8761-3340-0  
Telefax : +49-(0)8761-3340-40  
E-mail : [info@citriansolar.de](mailto:info@citriansolar.de)  
Internet: [www.citriansolar.de](http://www.citriansolar.de)



**Kontakt:** BfC – Das Redaktionsbüro GmbH  
POB 4155 – D-53776 Hennef  
Tel.: +49-2248-9147-0  
Fax: +49-2248-9147-58  
E-mail: [rec@bfconline.de](mailto:rec@bfconline.de)

Der Nachdruck ist bei Herstellerhinweis honorarfrei.

Wir freuen uns nach erfolgtem Abdruck über zwei Belegexemplare.

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CitrinSolar has considerable experience in small storage technology to draw on here.

Solar input is by means of external flat heat exchangers. The unit is always operated in the Match-Flow-range. This facilitates simple pipe installation with the smallest possible pipe diameters.

Several solar loading zones can be achieved with minimal technical complications. The heated buffer tank can be easily circumnavigated and the yield flows directly into the low-temperature heating system – the solar plant is operated to the best possible level of efficiency. In consultation with the professional craftsman, the long-term storage unit is planned so that the on-site plumbing is reduced to a minimum.

Short delivery times are another customer-friendly feature. The unit is supplied about 15 working days after confirmation of the order. This includes the complete package with the corresponding system regulators. The control strategy includes the solar system as well as heat distribution, hot water preparation and every kind of reheating.

Solar optimization is an essential part of the regulation strategy of CitrinSolar. In this instance, thanks to mono-level demand, solar energy is given top priority. Thanks to the dual-level extraction of energy from the system buffer for heating, the solar unit always has the best possible operating point. To set up this complex system, experienced CitrinSolar application technicians support the craftsmen carrying out the installation.

More information about about this topic can be obtained from CITRIN in 85368 Moosburg. =CITRIN/BfC=

CitrinSolar GmbH  
Energie- und Umwelttechnik  
Böhmerwaldstraße 32  
85368 Moosburg  
Telefon : +49-(0)8761-3340-0  
Telefax : +49-(0)8761-3340-40  
E-mail : [info@citriansolar.de](mailto:info@citriansolar.de)  
Internet: [www.citriansolar.de](http://www.citriansolar.de)

### Note for editors:

This text and photographs can be found and downloaded under the following link: <http://www.waschzettel.de/page.cgi?ID=27681>



**Kontakt:** BfC – Das Redaktionsbüro GmbH  
POB 4155 – D-53776 Hennef  
Tel.: +49-2248-9147-0  
Fax: +49-2248-9147-58  
E-mail: [rec@bfconline.de](mailto:rec@bfconline.de)

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