

Deitingen, 19. August 2026 · *Building-integrated photovoltaics*

Glare control in integrated photovoltaics:

LEVEL Up now comes as standard with the low-glare ZRM+ finish.

Deitingen, 19 August 2026 – Megasol is once again setting new standards: the LEVEL Up system for roof-integrated photovoltaics now comes as standard with the **ZRM+ module surface**. This makes LEVEL Up the first fully integrated solar roof system with certified glare-free performance: at no extra cost and without compromise.

The market demands glare-free lighting – Megasol delivers

Since the launch of LEVEL Up in November 2025 – shortly after the launch of ZRM+ in the M450 rooftop module – Megasol has received an exceptionally high number of enquiries, all expressing a clear wish: in-roof modules should also be available as standard in a non-glare version. Glare-free surfaces are a crucial factor, particularly for projects in densely populated residential areas, near transport routes, or for installations requiring planning permission in sensitive zones.

Megasol took this call from the market seriously and acted decisively: rather than offering an optional variant, the ZRM+ technology was immediately made the new standard. **With immediate effect, all LEVEL Up modules will be supplied exclusively with a ZRM+ surface.**

How ZRM+ impresses without dazzling

ZRM+ stands for 'Zero Reflect Matt+' and is a microstructured glass surface developed by Megasol that virtually eliminates distracting glare. Whilst conventional solar glass produces intense reflections at unfavourable sun angles, the luminance of ZRM+ remains at a consistently low level of around **3,000–18,000 cd/m²** even with steeply incident sunlight – comparable to clay tiles. Even at extreme angles of incidence of 70°, the modules remain well below the critical threshold of 50,000 cd/m², at approximately 29,000 cd/m².

Its effectiveness has been independently verified: the **glare assessment report from Bern University of Applied Sciences** confirms that the legally relevant limit values of 20,000 cd/m² are significantly undercut at every measured solar angle. The ZRM+ surface therefore remains outside the critical glare range at any position of the sun.

Until now, there has been no full-surface integrated solar roof system on the market that offers this glare-free performance as standard and as part of the system – i.e. including the mounting system, rails and accessories. LEVEL Up with ZRM+ is the first of its kind.

A perfect blend of aesthetics and function

The ZRM+ finish gives the LEVEL Up modules an elegant, deep-matt appearance that allows the technical structure of the solar cells to recede into the background. The glass has a velvety, uniform appearance – a clear advantage for architecturally sophisticated roof surfaces and façades.

LEVEL Up combines this visual quality with the system's well-known technical strengths: frameless glass-on-glass modules, an efficiency of over 200 Wp/m², hail resistance class 5 and rain tightness in accordance with CEN/TR 15601. Full-surface installation creates a uniform roof surface that stylishly replaces traditional roofing materials such as tiles or slate.

A benefit for everyone involved

The standard integration of ZRM+ not only simplifies project planning considerably – it also opens up new possibilities:

- **Architects and planners** are provided with a system that combines the highest aesthetic standards with proven glare-free performance – ideal for new-build projects in urban environments and for planning applications in sensitive areas.
- **Installers** benefit from a standardised, clearly defined product portfolio with no special variants – less effort, greater planning certainty.
- **Building owners** can actively prevent complaints from neighbours. With LEVEL Up ZRM+, glare-free performance is no longer an option, but the standard.
- **Authorities and planning departments** can, on request, receive the independent glare assessment report from Bern University of Applied Sciences – a clear argument in favour of a smooth approval process.

“The market has spoken – and we have listened. The exceptionally high demand for a glare-free LEVEL Up has convinced us: ZRM+ does not belong on the list of options, but is the new standard. This ensures that LEVEL Up is the best solution in every situation, at every location.”

Markus Gisler, CEO, Megasol Energy Ltd.

Now available

LEVEL Up with the ZRM+ interface is available as a standard product and replaces all previous LEVEL Up variants. Further information on ZRM+ technology and the LEVEL Up system can be found at megasol.ch/zrm and megasol.ch/level-up.



Left: Previous version of LEVEL Up Module with standard glass

Right and above: LEVEL Up with the new ZRM+ interface

About Megasol Energy Ltd.

Megasol Energy Ltd., based in Deitingen (Switzerland), is a leading manufacturer of solar modules and building-integrated photovoltaic systems. The company develops and manufactures high-quality solar products for in-roof, on-roof, facade and specialist applications. With its consistent focus on Swiss quality, technical innovation and aesthetic design, Megasol has been setting standards in the European photovoltaic industry for many years.

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