

# INTELLIGENT SOLAR RACKING



**AEROCOMPACT®**



# FOR THE ENERGY OF THE FUTURE.

Energy consumption is rising worldwide. Contributory factors include a growing worldwide population as well as the development of former emerging economies into industrial states. Increasing energy consumption is placing an enormous burden on the climate. This can't continue. An increasing share of our energy therefore needs to be supplied by renewable energy sources. Solar energy is an infinite, CO<sub>2</sub>-neutral resource and we are already mastering the technology to utilise this free source of energy.



AUSTRIA  
COMPACTFLAT S  
4,8 MW



MORE THAN JUST A  
**MOUNTING SYSTEM.**

**OUR MISSION:**

**PROVIDING CUSTOMERS,  
PEOPLE AND PRODUCTS WITH  
INTELLIGENT SYSTEMS FOR  
SECURE INSTALLATION.**



As a manufacturer of intelligent mounting systems, we know the challenges of installing photovoltaic modules on different types of surfaces and structures. We provide intelligent solutions and engineering services to support you in the design and installation of photovoltaic systems. Our aerodynamically optimised substructures for solar modules give technicians, developers and wholesalers the security and mechanical stability they require for the specific needs of individual projects.

# MORE PRODUCT SOLUTIONS.

Our product solutions are compact and aerodynamic on whatever surface they are installed. Their stability and safety come from the specially shaped support systems and the high-quality production processes used. Cold forming aluminium achieves excellent hardening properties to give optimal load-to-weight ratios. The bracket design enables easy adjustment to compensate for uneven surfaces and prevents water pooling.



## COMPACT**FLAT**



## COMPACT**GROUND**



## COMPACT**PITCH**





MORE  
**SUCCESS.**  
BY USING OUR INTELLIGENT  
MOUNTING SYSTEMS ...

We act as partners to our customers offering them solutions to meet their real needs. This means we provide not only stable and aerodynamic mountings for photovoltaic modules, but an entire package ranging from design services to mounting equipment according to surface and structure. Design is performed using our AEROTOOL software which is fast, simple and highly detailed. The software creates an editable CAD design drawing which also visually portrays the roof layout. This detailed tool gives customers certainty in the design, saves resources and minimises errors.





... WE PROVIDE

# SOLAR TECHNICIANS

WITH GREATER INSTALLATION EFFICIENCY.

With AEROCOMPACT®  
you can offer customers more  
quality and security.

Giving customers value is our top priority. Our products have value only if they make your task easier. Systems in daily use demonstrate that we are succeeding in this. By using pre-assembled components, solar technicians save valuable time when installing solar modules. Our mounting solutions are installed as modular systems so customers gain in efficiency and productivity.

## HAND IN HAND OPTIMISES THE WORK

- > Technically advanced products
- > Easy to install  
using a modular system
- > Design and material  
prevent rust
- > Pre-assembled components  
reduce installation times
- > Easy to work with  
aluminium components
- > Detailed technical documentation



All AEROCOMPACT® systems are manufactured to CE standards, TÜV certified to UL 2703, wind tunnel tested up to 250 km/h and have a 25-year warranty.

... WE SUPPORT

# PROJECT DEVELOPERS

WITH OPTIMALLY DESIGNED MOUNTING SYSTEMS.

## CREATING VALUE THROUGH DIALOGUE

- > Design support from specialists
- > Strong product portfolio
- > Certified safe, 25-year warranty
- > 3D-supported computational and structural analysis software
- > Quick installation times due to pre-assembled components
- > Detailed technical documentation

Designing photovoltaic systems often involves major challenges. We are happy to involve ourselves in the design process and to support project developers with planning and calculating their systems. Our experience in the engineering, procurement and construction (EPC) of large-scale systems qualifies us as specialist partners in mounting equipment.



## WIND TUNNEL MODEL TEST

I.F.I. Institute for Industrial Aerodynamics Aachen



Our fastening systems  
are reliable, high-performing  
and sustainable.

... WE SUPPORT

# WHOLESALERS

IN SELLING  
QUALITY PRODUCTS.

## FLEXIBILITY FROM HIGH AVAILABILITY

- > AEROCOMPACT® partner scheme
- > Highly reliable supply
- > Compact transport packaging
- > Pre-assembled components
- > Engineering services
- > Detailed marketing tools

Wholesalers profit not only from a highly reliable supply of products but also from lightweight components and compact transport packaging to reduce transport costs. We have designed a partner scheme especially for wholesalers for optimal support in system design and engineering as well as sales and service, e.g. in the form of external showcasing and advertising, a web presence and training.





ZIMBABWE  
**COMPACTGROUND S**  
**375 kW**



MORE

# CUSTOMER VALUE

FROM SPECIALIST SERVICES.



Our customers benefit from the professional advice of competent personnel. Our standardised products and worldwide warehousing mean we are able to quickly respond to and deliver requests. We provide customers with tailor-made and highly individualised solutions. We also have a global presence as well as experience in a wide range of geotechnical conditions.







USA  
COMPACT GROUND S  
700 kWp



# MORE RESPONSIBILITY TAKEN.

We develop safe and intelligent photovoltaic solutions to enable the generation of renewable energy.

The trend is clear and unstoppable. In the future we will need more energy. Our mounting systems mean we can contribute to the energy transition and significantly improve the eco-balance. Our products are part of a global movement to make even greater use of clean solar energy. We are therefore taking responsibility for the environment and for the lives of this and future generations, in harmony with nature.



# AEROTOOL

MORE FOR YOU.

Detailed design has a special role in the safety and efficiency of large photovoltaic systems. Our AEROTOOL project software supports you in system design. It is fast, easy and detailed. AEROTOOL's simulation enables quotations and designs to be created without the need for on-site visits. This saves time and money.

## VISUALISATION AND DESIGN SOFTWARE

- > Saving resources and minimising errors
- > Google maps roof layout
- > Quick and easy project planning
- > Structural analysis according to EN standards
- > Includes shadow effects
- > Design certainty
- > Layout and installation plans



MORE  
**PERFORMANCE.**  
SOLUTIONS USING ENERGY FOR  
PROJECTS OF THE FUTURE.

**500 MW WORLDWIDE**  
IN OVER 50 COUNTRIES.

**1 MW**  
**SINGAPORE**  
COMPACT**PITCH T1**

**1 MW**  
**USA**  
COMPACT**FLAT +**

**1,4 MW**  
**PUERTO RICO**  
COMPACT**FLAT S**

**300 kW**  
**DUBAI**  
COMPACT**GROUND S**

**3 MW**  
**AUSTRIA**  
COMPACT**FLAT S**





# INTERNATIONAL LOCATIONS

## Distribution Center West Coast

7575 E. Redfield Rd. Suite 125  
Scottsdale, AZ 85260  
Email: office.us@aerocompact.com

## Sales Office Colorado

9233 Park Meadows Dr  
Lone Tree, CO 80124  
Phone: +1 800 578 0474  
Email: office.us@aerocompact.com

## Sales Office Benelux

Kloosterweg 1  
6412 CN Heerlen (NL)  
Phone: +31 62 255 44 95

## Sales Office France

367 Chemin de Naude  
64300 Orhez  
Phone: +33 559 69 49 76

## Engineering Office Germany

Sasbacher Str. 7  
79111 Freiburg im Breisgau

## Sales Office Germany

Rödingsmarkt 9  
20459 Hamburg  
Email: office@aerocompact.com

## Sales Office Hungary

Laki utca 11/B  
2141 Csömör  
Phone: +36 30 220 39 22

## Sales Office Singapore

Singapore  
Phone: +65 9627 5668  
Email: office@aerocompact.com

# HEADQUARTER USA

## AEROCOMPACT®

901A Matthews Mint Hill Road  
Matthews, NC, 28105  
Phone: +1 800 578 0474 (toll-free)  
Email: office.us@aerocompact.com  
Web: www.aerocompact.com

# HEADQUARTER EUROPE

## AEROCOMPACT®

Sonnenstraße 10  
6822 Satteins, Austria  
Phone: +43 5524 22566  
Email: office@aerocompact.com  
Web: www.aerocompact.com



# AEROCOMPACT®

## Headquarter Europe

Aerocompact GmbH // Sonnenstraße 10 // 6822 Satteins, Austria

Phone: +43 5524 22566 // Email: [office@aerocompact.com](mailto:office@aerocompact.com)



[www.aerocompact.com](http://www.aerocompact.com)