Dear Customer,

For us you, as practical user of our products, are always the focus of our work, because we want you to be successful and to offer your customers only the best products and services.

A lot has happened at Q CELLS, and our product catalogue testifies to it: More comprehensive than before, but all the clearer and expanded by essential product groups that you need every day. In the Q CELLS product catalogue you will find everything you need to work with your customers in addition to our powerful and excellent solar modules.

So what's new? From now on, we will also provide you with Q.MOUNT and Q.FLAT-G5, the right elements for the substructure of your photovoltaic systems and with Q.HOME® ESS a wide range of storage options.

Q CELLS is your central partner for all photovoltaic products and services. Our Q.PARTNER installers take over the important part of the high quality installation of our products.

As a Q.PARTNER you benefit from a variety of services to score points with your customers. Whether by supporting your marketing activities, delivering all components directly to your construction site or supporting your customer acquisition - Q.PARTNER will cut a fine figure with their customers at any time. Feel free to inform yourself at www.q-cells.eu about the possibilities that are open to you.

And now we hope you enjoy browsing and look forward to your orders!

Your Q CELLS team
Q CELLS SOLAR MODULES
THE FOUR LEVELS OF QUALITY

For our solar modules high quality means a long service life and excellent technical characteristics. That is why quality assurance plays a critical role for us.

LEVEL 1 – YIELD SECURITY
Since 2011, Q CELLS Yield Security has been the guarantee for PID resistance, Anti LID and LeTID Technology which is ensured by weekly production monitoring. For protection against Hot-Spots, 100% of the cell production is tested.

LEVEL 2 – ONE-TIME CERTIFICATION TESTS
The second level is comprised of international initial certification tests, for example, in accordance with IEC, CSA/UL, MCS, JET and Kemco. These guarantee that the electrical safety of the modules and the safety of its construction comply with international standards.

LEVEL 3 – VDE QUALITY TESTED
The “VDE Quality Tested” program exceeds the initial certification testing of IEC by e.g. double cycles of thermal tests. In addition, monthly re-testing guarantees consistent quality.

LEVEL 4 – Q CELLS QUALITY PROGRAM
Q CELLS internal quality program ensures that all products meet our company’s high standards and additional tests than required by VDE as e.g. 3 x more cycles of humidity-frost Test. 100% high-resolution EL inspection is Q CELLS standard.

Q CELLS:
• is German Engineering from Bitterfeld-Wolfen, Germany.
• is guaranteed quality with an outstandingly low rate of module degradation backed by a 12-year product warranty and a 25-year linear performance warranty.
• is the first manufacturer of solar modules to participate successfully in the Quality Tested program of the VDE, an independent certification institute from Germany. For the first time, periodic testing is now required.
• operates the largest technology and module test centre in the industry, as well as its own VDE-certified testing laboratory.
• tests its products under extreme climate conditions, such as tropical humidity, desert heat, and Arctic cold.

DO NOT MAXIMISE, OPTIMISE:
The rear surfaces of Q.ANTUM solar cells are treated with a special nano coating that functions much like a typical household mirror. Rays of sunlight that would otherwise go to waste are reflected back through the cell to generate more electricity. This enhances the electrical properties, considerably increasing the efficiency.

Q.ANTUM CELL TECHNOLOGY
MORE LIGHT. MORE PERFORMANCE. MORE ELECTRICITY.

Q.ANTUM combines the best characteristics of all available cell technologies to obtain high performance under real conditions, all with low levelised cost of electricity (LCOE).

HIGHER PERFORMANCE CLASSES
Thanks to Q.ANTUM Technology, Q CELLS solar modules offer more power per surface, resulting in higher yields at lower BOS costs.

TEMPERATURE COEFFICIENT
Even on hot days, Q CELLS solar modules produce reliable yields and lose less efficiency than standard solar modules.

LOW-LIGHT BEHAVIOUR
High yields with low radiation intensity, for example, during sunrise and sunset and on cloudy days, but also in autumn and winter when the sun is flat over the horizon.
Q.ANTUM DUO TECHNOLOGY

PERFORMANCE HAS NEVER LOOKED THIS GOOD

The Q.PEAK DUO-G5 and Q.PEAK DUO BLK-G5 solar modules benefit from the Q.ANTUM DUO Technology for outstanding performance and aesthetics.

WHAT IS DUO TECHNOLOGY ALL ABOUT?

The Q.ANTUM DUO Technology combines cutting edge advancements in cell separation technology with round wires – reducing both electrical and optical losses, respectively. This is achieved by halving the current passing through each cell and making use of incident light more effectively. Q.ANTUM DUO not only increases nameplate power, but also improves reliability. Anti LID / LeTID ensure low initial degradation and the half-cell design minimises cell stress reducing the potential for micro cracks in the field. This is backed by improved guaranteed initial and yearly degradation ensuring the highest energy yields. Combined with Q CELLS award winning Q.ANTUM cell technology, Q.PEAK DUO-G5 and Q.PEAK DUO BLK-G5 are the modules with the highest power available at a reasonable price, maximising energy yields and ensuring low LCOE. With more than 10 GW of Q.ANTUM solar cells deployed, only Q CELLS has the experience and the knowledge to push forward cell and module technology simultaneously, to create Q.ANTUM DUO.

1. 6 BUSBAR TECHNOLOGY

Reduced distance in between the busbars and additional paths for electric current results in 1% power increase. More paths means lower congestion which in turn reduces resistive losses.

2. HALF-CELL TECHNOLOGY

Halving the cell halves the current. Combined with a module layout which reduces the distance travelled by the electric current results in an increase of power by 3%.

3. WIRE INTERCONNECTION

Utilising wires instead of flat ribbons reduces both the width and the effective shading width decreasing shading by 75% and increasing the power by 2.5%. The light reflected from the round shape of the wires improves the light capturing effect of the module.

THE Q.ANTUM DUO EFFECT

EXCEPTIONAL POWER, SUPERIOR EFFICIENCY AND BEST-IN-CLASS WARRANTIES

Q CELLS solar modules equipped with Q.ANTUM DUO Technology not only offer impressive performance under real life conditions, but also best-in-class warranty terms of 88% power in the first year and 85% after 25 years.
OUR Q.PEAK DUO-G6 GENERATION
WE PAY ATTENTION TO DETAILS

Q.CELLS YIELD SECURITY
• Anti PID Technology against power loss through Potential-Induced Degradation
• Hot-Spot Protect to protect against module fire
• Tra.Q™ laser identification for additional protection against counterfeiting
• Anti LID Technology against power loss through Light-Induced Degradation

Q.ANTUM DUO half-cells with 6 busbar technology for higher yield per surface area and low BOS costs

Independent upper and lower module-halves connected in parallel ensure improved yield when modules are partly shaded

New wire technology instead of ribbons with round shape and smaller width increasing internal reflections and reducing shading by up to 75%

Reduced frame edge avoids moss and dirt build-up

Optimised junction box design for increased energy yields and corrosion protection

High-quality backside for permanent sealing

High quality Multi-Contact MC4 connectors with >1,100 mm cable length

32 mm high-tech frame for high wind and snow loads up to 4,000 / 5,400 Pa (IEC, UL)

Reliable silicone connection for excellent stability and durability

Optimally positioned, large drainage holes protect against frost damage

Independent upper and lower module-halves connected in parallel ensure improved yield when modules are partly shaded

Reduced frame edge avoids moss and dirt build-up

Optimised junction box design for increased energy yields and corrosion protection

High-quality backside for permanent sealing

High quality Multi-Contact MC4 connectors with >1,100 mm cable length

32 mm high-tech frame for high wind and snow loads up to 4,000 / 5,400 Pa (IEC, UL)

Reliable silicone connection for excellent stability and durability

Optimally positioned, large drainage holes protect against frost damage

Our Q.PEAK DUO-G6 generation we pay attention to details
The Q.PEAK DUO-G6 is a monocrystalline solar module with power classes up to 355 Wp and an efficiency of up to 20.1%. Q.PEAK DUO-G6 solar modules offer higher yields over smaller surface areas. This is made possible by the new generation of Q.ANTUM’s world-record-holding cell concept which has now been combined with state-of-the-art circuitry, half-cells and a six-busbar design. The black half-cells of the Q.PEAK DUO-G6 enhance the visual appearance of even the most exclusive residential system. The Q CELLS Anti LID Technology eliminates light induced degradation (LID), which can greatly reduce system performance, almost completely. Other conventional monocrystalline solar cells will lose much of their initial performance, once exposed to sunlight. With Q.PEAK DUO-G6 this is not the case, thanks to Anti LID Technology.

**TECHNICAL DATA**

- **Type**: 120-half-cell module
- **Power**: Up to 355 Wp
- **Efficiency**: Up to 20.1%
- **Sorting**: +5/-0 W
- **Weight**: 19.9 kg

**THE IDEAL SOLUTION FOR**

- Private rooftop installations
- Commercial and industrial rooftop installations

**HOW YOU BENEFIT**

- Optimal yields, whatever the weather with excellent low-light and temperature behaviour (~0.36 %/K)
- Excellent stability: tested for wind loads up to 4,000 Pa and snow loads up to 5,400 Pa
- Separated operation of upper and lower module-half enables better shading resistance
- Q CELLS solar modules have a 12-year product warranty and 25-year linear performance warranty
Q.PEAK DUO BLK-G5
HIGH PERFORMANCE AND AESTHETICS

The Q.PEAK DUO BLK-G5 solar module from Q CELLS impresses with its outstanding visual appearance and particularly high performance on a small surface thanks to the innovative Q.ANTUM DUO Technology.

MONOCRYSTALLINE Q.ANTUM DUO TECHNOLOGY

The Q.PEAK DUO BLK-G5 is a monocrystalline solar module with power classes up to 320 Wp and an efficiency of up to 19.3%. Q.PEAK DUO BLK-G5 solar modules offer higher yields over smaller surface areas. This is made possible by the new generation of Q.ANTUM’s world-record-holding cell concept which has now been combined with state-of-the-art circuitry, half-cells and a six-busbar design. The front surface of the Q.PEAK DUO BLK-G5 is completely black and enhances the visual appearance of even the most exclusive residential system. The Q CELLS Anti LID Technology eliminates light-induced degradation (LID), which can greatly reduce system performance, almost completely. Other conventional monocrystalline solar cells will lose much of their initial performance, once exposed to sunlight. With Q.PEAK DUO BLK-G5 this is not the case, thanks to Anti-LID Technology.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Type</th>
<th>120-half-cell module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>Up to 320 Wp</td>
</tr>
<tr>
<td>Efficiency</td>
<td>Up to 19.3%</td>
</tr>
<tr>
<td>Sorting</td>
<td>+5/-0 W</td>
</tr>
<tr>
<td>Weight</td>
<td>18.7 kg</td>
</tr>
</tbody>
</table>

THE IDEAL SOLUTION FOR

Private rooftop installations

HOW YOU BENEFIT

- Optimal yields, whatever the weather with excellent low-light and temperature behaviour (~0.36 % / K)
- Excellent stability: tested for wind loads up to 4,000 Pa and snow loads up to 5,400 Pa
- Separated operation of upper and lower module-half enables better shading resistance
- Q CELLS solar modules have a 12-year product warranty and 25-year linear performance warranty
The new Q.PLUS DUO-G5 solar module from Q CELLS impresses thanks to innovative Q.ANTUM DUO Technology, which ensures particularly high performance on a small surface.

**POLYCRYSTALLINE Q.ANTUM DUO TECHNOLOGY**

The Q.PLUS DUO-G5 is a polycrystalline solar module with power classes up to 315 Wp and an efficiency of up to 19.0%. Q.PLUS DUO-G5 solar modules offer higher yields over smaller surface areas. This is made possible by the new generation of Q.ANTUM’s world-record-holding cell concept which has now been combined with state-of-the-art circuitry, half-cells and a six-busbar design. The black half-cells of the Q.PLUS DUO-G5 enhance the visual appearance of even the most exclusive residential system. The Q CELLS Anti LID Technology eliminates light induced degradation (LID), which can greatly reduce system performance, almost completely. Other conventional monocrystalline solar cells will lose much of their initial performance, once exposed to sunlight. With Q.PLUS DUO-G5 this is not the case, thanks to Anti LID Technology.

**TECHNICAL DATA**

- **Type**: 120-half-cell module
- **Power**: Up to 315 Wp
- **Efficiency**: Up to 19.0%
- **Sorting**: ±5 / −0 W
- **Weight**: 18.7 kg

**THE IDEAL SOLUTION FOR**

- Private rooftop installations
- Commercial and industrial rooftop installations

**HOW YOU BENEFIT**

- Optimal yields, whatever the weather with excellent low-light and temperature behaviour (−0.37 %/K)
- Excellent stability: tested for wind loads up to 4,000 Pa and snow loads up to 5,400 Pa
- Separated operation of upper and lower module-half enables better shading resistance
- Q CELLS solar modules have a 12-year product warranty and 25-year linear performance warranty

Also available as a 144 half-cell L version. Q.PLUS DUO L-G5 for ground mounted PV arrays.
**Q.PEAK-G5.1**

**EXCELLENT PERFORMANCE AND INNOVATION**

Our high-performance module Q.PEAK-G5.1 is the ideal solution for residential buildings thanks to its innovative Q.ANTUM cell technology.

**MONOCRYSTALLINE Q.ANTUM SOLAR MODULE**

The Q.PEAK-G5.1 is a monocrystalline solar module with performance classes up to 315 Wp and an efficiency of up to 19.2 %. Q.PEAK-G5.1 solar modules offer higher yields over smaller surface areas. Q.ANTUM Technology combined with the outstanding Q CELLS module architecture made this possible. The front surface of the Q.PEAK-G5.1 enhances the visual appearance of even the most exclusive private house system. The Q CELLS Anti LID Technology eliminates light induced degradation (LID), which can greatly reduce system performance, almost completely. Other conventional monocrystalline solar cells will lose much of their initial performance, once exposed to sunlight. With Q.PEAK-G5.1 this is not the case, thanks to Anti LID Technology.

**TECHNICAL DATA**

- **Type**: 60-cell module
- **Power**: Up to 315 Wp
- **Efficiency**: Up to 19.2 %
- **Sorting**: +5 / −0 W
- **Weight**: 18.5 kg ± 5 %

**THE IDEAL SOLUTION FOR**

- Private rooftop installations
- Commercial and industrial rooftop installations

**HOW YOU BENEFIT**

- Optimal yields, whatever the weather with excellent low-light and temperature behaviour
- Excellent stability: tested for wind loads up to 4,000 Pa and snow loads up to 5,400 Pa
- Optimised design with 32 mm frame height
- Q CELLS solar modules have a 12-year product warranty and 25-year linear performance warranty
Q CELLS STORAGE SOLUTIONS
INVERTER, BATTERY AND MANAGEMENT SYSTEMS

THE MODULAR AND SCALABLE ENERGY STORAGE SOLUTION
Our Q CELLS Q.HOME® ESS storage systems are the ideal solution for the environmentally-friendly reduction of electricity costs for private houses and ensure a reliable long-term operation and high output. Our scalable and modular storage solutions in combination with the proven Samsung or LG Chem lithium-ion battery technology make them the perfect choice for energy self-consumption.

Q.HOME® ESS include a 10-year warranty and integrated energy management system. With our storage solutions your customers may store their clean and cheap solar energy for the use during night-time or whenever the sun is not shining.
It is often more economical to store generated solar power and use it when needed, instead of sell it back to the grid. Due to increasing energy bills, self-consumption of the own produced solar energy is the smart way to save money and reduce your carbon footprint. Our storage solutions ensure a reliable long-term operation and high output.

Q.HOME® ESS HYB-G2

**OPTIMISED CONSUMPTION**

Q.HOME® ESS HYB-G2* is our scalable storage solution for private residential photovoltaic systems.

<table>
<thead>
<tr>
<th>General product information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote Monitoring</td>
<td>Web, mobile</td>
</tr>
<tr>
<td>Touch Display</td>
<td>Integrated 5&quot; TFT Touch Display</td>
</tr>
<tr>
<td>Backup operation</td>
<td>“Stand-alone mode” after switching time (max. one minute), 3kW continuous operation at the second output (4.6kW for 10 minutes)</td>
</tr>
<tr>
<td>Energy Management System</td>
<td>Integrated</td>
</tr>
<tr>
<td>DC Input (PV)</td>
<td></td>
</tr>
<tr>
<td>Max. Power</td>
<td>6.6kWp (3.3 kWp per MPP)</td>
</tr>
<tr>
<td>No. of Strings (MPP)</td>
<td>2 (2)</td>
</tr>
<tr>
<td>AC Output</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>4.6 kW</td>
</tr>
<tr>
<td>Feed-in Phase / Connection</td>
<td>1 / 1</td>
</tr>
<tr>
<td>Efficiency</td>
<td>PV to Grid (European) 95.5%</td>
</tr>
<tr>
<td>Lithium-Ion Battery</td>
<td></td>
</tr>
<tr>
<td>Battery Capacity</td>
<td>4 / 8 / 12 / 16 / 20 kWh (each battery module 4 kWh)</td>
</tr>
<tr>
<td>Max. Charging Power / Max. Discharge</td>
<td>2 kW (one battery module), 3kW (≥ two battery modules) / 3 kW</td>
</tr>
</tbody>
</table>

* availabilities vary amongst the markets, please check with your local supplier.

**SCALABLE SOLUTION FOR OPTIMIZED CONSUMPTION**

Scalable storage capacity from 4kWh up to 20kWh to suit the specific energy consumption.

**SAFETY**

Premium quality Samsung lithium-ion battery.

**SMART DESIGN**

Modular design for easy and fast installation, remote control operated systems with lithium-ion battery and battery charger.

**DURABILITY**

High durability with 10 years product warranty and a performance to be maintained at least 80% of the initial battery capacity after 10 years. Very short recharge time and a high discharge depth.

**REMOTE MAINTENANCE**

Easy maintenance of the device due to early error detection function, web and mobile monitoring and a reliable service network.

**CYCLE STRENGTH**

Exceptional good cycle strength.
Q.HOME+ ESS AC-G2
EASY RETROFITTING

Q.HOME+ ESS AC-G2+ is our AC-connected energy storage solution for existing photovoltaic systems

**General product information**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>539 mm × 1236 mm × 231 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>LED: Battery SOC, grid connection state, service state</td>
</tr>
<tr>
<td>Remote monitoring</td>
<td>Web, mobile</td>
</tr>
<tr>
<td>Energy Management System</td>
<td>Inclusive and integration friendly</td>
</tr>
</tbody>
</table>

**Grid Data (Inverter)**

- **Rated power**: 3 kW
- **Rated voltage / Rated voltage range**: 230 / 183 ~ 265 V

**Battery Data (Direct Current)**

- **Battery**: Lithium ion, nickel-manganese-cobalt
- **Rated battery voltage / Rated voltage range**: 48 / 42.0 ~ 58.5 VDC
- **Backup Power Output**: Rated apparent power / rated power 2 kW
- **Lithium-Ion Battery**: 6.5 kW
- **Max. charge current / Max. discharge current**: 63/63 A peak

*Availabilities vary amongst the markets, please check with your local supplier

**AC-CONNECTED SOLUTION AT A GLANCE**

**CAPACITY OPTIMISED FOR HOUSEHOLD APPLICATIONS**
The AC-coupled home storage solution, for integration in new and existing solar installations. The system can communicate directly with the most common PV inverters in the market.

**INTELLIGENT DESIGN**
Lean design for quick and easy installation, system with AC inverter and powerful lithium ion battery.

**ENERGY MANAGEMENT**
The integrated energy management system enables a complete overview of energy production and self-consumption.

**TREMENDOUS DURABILITY**
Thanks to a product guarantee of 10 years and retention of at least 80% of the original battery capacity after 10 years.

**BACKUP POWER FUNCTION**
Thanks to the integrated backup power function, the electricity stored in the battery can also be used at the backup socket in the event of a power failure (230 V / 9 A).

**SAFETY**
High-quality lithium ion battery with integrated battery management from LG Chem.

**RELIABLE, HIGH-OUTPUT PV SYSTEMS MATCHING TO YOUR ELECTRICITY DEMAND AND ROOFTOP**
There are all kinds of energy needs, just as there are all kinds of roofs. That is why we offer individually tailored solar packages – you can choose your own combination of products out of our wide range of high performance solar modules, inverters, and energy storage systems. Just choose the ideal Q CELLS solar packages optimized to your customers needs and self-consumption rate.

**EXEMPLARY PV SYSTEM SIZES WITH AND WITHOUT ENERGY STORAGE (USING Q.PEAK DUO-G5 330)**

<table>
<thead>
<tr>
<th>HOUSEHOLD SIZE / ENERGY CONSUMPTION</th>
<th>PV SYSTEM SIZE</th>
<th>MINIMUM ROOF SIZE</th>
<th>SELF-CONSUMPTION WITHOUT STORAGE SOLUTION</th>
<th>SELF-CONSUMPTION WITH STORAGE SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 people up to 3,200 kWh / p.a.</td>
<td>5.3 kWp</td>
<td>31 m²</td>
<td>45 %</td>
<td>73 %</td>
</tr>
<tr>
<td>3 people up to 3,800 kWh / p.a.</td>
<td>6.6 kWp</td>
<td>32 m²</td>
<td>44 %</td>
<td>68 %</td>
</tr>
<tr>
<td>4 people up to 4,400 kWh / p.a.</td>
<td>7.9 kWp</td>
<td>39 m²</td>
<td>41 %</td>
<td>67 %</td>
</tr>
<tr>
<td>5 people up to 5,000 kWh / p.a.</td>
<td>8.6 kWp</td>
<td>42 m²</td>
<td>40 %</td>
<td>65 %</td>
</tr>
</tbody>
</table>
Q.MOUNT
THE UNIVERSAL MOUNTING SYSTEM FOR SLOPING ROOFS

Enabling fast and easy installation of PV systems on sloping roofs.

DIVERSE APPLICATIONS
Due to the variety of different roof shapes and roofing materials, sloping roofs provide a unique challenge when it comes to installing a PV system. Whether on traditional tiled roofs, corrugated eternit, corrugated sheet metal or tin joint roofs, Q.MOUNT includes easy-to-install elements for quick, efficient and safe installation of PV systems on sloping roofs.

QUICK AND EASY INSTALLATION
Different roof types also create very different requirements for the installation of a solar system. Whichever roof-parallel configuration is necessary, the modular components of our Q.MOUNT substructure make installation quick, easy and cost-effective.

YOUR BENEFITS:
• Q.MOUNT is suitable for all common types of sloping roof
• High quality, durable components
• Fast and safe installation
• Straightforward planning of the solar system and the required components via the Q CELLS ROOFTOP PLANNER

EXTENSIVE COMPONENT SELECTION
The Q.MOUNT system from Q CELLS offers a comprehensive selection of mounting elements, which are individually adapted to the respective roof surface. All Q.MOUNT components are manufactured using high-quality, corrosion-resistant materials that are extremely durable and designed to ensure a long service life. Using the Q CELLS ROOFTOP PLANNER, the system can be designed quickly and easily, all necessary mounting components can be determined in a single step and the structural feasibility can also be checked.

SUITEABLE FOR ALL STANDARD SLOPING ROOF TYPES
Q.MOUNT is the ideal system for installing private and commercial rooftop arrays equipped with Q CELLS solar modules, because both the module layout and the substructure can be planned and implemented easily using the Q CELLS ROOFTOP PLANNER and Q.MOUNT.

Q.FLAT-G5
THE FAST AND RELIABLE SYSTEM FOR FLAT ROOFS

Introducing the straightforward folding mechanism for time-saving installation

QUICK INSTALLATION
The fully integrated base profiles with simple folding mechanism save any laborious pre-assembly and reduce the operational steps.

ONE SCREW ONLY
The innovative design means that each module requires just one screw to secure it in place.

FEWER INDIVIDUAL COMPONENTS
The new Q.FLAT-G5 is mainly supplied pre-assembled and comprises just a base profile, ballast support and end clamp plate. This reduces the storage and logistics costs, as well as the amount of work required on the roof.

LESS MEASURING WORK
The ballast carriers serve as a distance gauge between the base profiles. As soon as the first base profile is aligned, the distances to the following base profiles result by hanging in the ballast carriers. No more measuring is needed.

KIND TO THE ROOF
The building material is spared thanks to installation without penetration of the roof membrane and the ballast floats over the roof surface, preventing damage to the roof skin.

BALLAST
Various sizes of ballast stones can not only be stowed in the ballast tray, but also directly in the base profiles.

HIGH YIELDS
The excellent yields are ensured almost independent of the system’s orientation, allowing a high degree of flexibility in the rooftop array’s design. With a significantly higher power density of over 170 Wp/m² compared to standard systems, Q.FLAT-G5 is the best solution for low-cost electricity production.
Q CELLS ROOFTOP PLANNER
ONE FOR ALL

We are offering Q.PARTNER installers a software solution - the Q CELLS ROOFTOP PLANNER - that combines all of the planning stages required in a single tool.

ALL-IN-ONE
The planning tool from Q CELLS combines various programs and makes planning easier for you. Save time and resources by implementing all steps of the design in a single program.

ENTER AN ADDRESS – GET STARTED STRAIGHT AWAY
Simply enter the address of the object and the roof will be displayed instantly via Google Maps. After selecting the roof shapes and forms, the areas are displayed automatically – these can then be expanded or reduced with just a few clicks. Snow and wind load zones are automatically displayed and can also be detailed further.

SELECTING COMPONENTS
After selecting the modules and substructure, an assignment including shadow simulation and cabling overview is performed automatically. The optional display in 3D is a further highlight that is sure to impress your customers.

SIMULATION MADE EASY
Once you have selected the inverters and/or the storage solution, you are taken directly into the simulation, which previously had to be launched externally via PVsyst or PV*SOL software includes preselected Meteonorm weather data. Local topography such as mountains can easily be taken into account.

EVERYTHING YOU NEED
Once you finish your project, a structured list of all the materials you need will be created, which you can easily export as an Excel document or a project report in PDF format.

THE Q.PARTNER PROGRAM
PROVIDING ADDED VALUE

As a partner of Q CELLS, you benefit from a string global brand, extensive marketing support, professional trainings, and attractive services.

SO MUCH MORE FOR YOU
As a Q.PARTNER, you benefit from attractive prices to help you to stay even further ahead of the competition. Plus you can also ensure you qualify for a targeted bonus. More performance, more bonus, more for you.

PERSONAL SUPPORT
Your direct contact partner at Q CELLS will be ready and waiting to help you whenever the need arises. Our qualified employees will be happy to answer any questions you may have about technical details, your orders and current deliveries.

Q.PARTNER PORTAL
Everything under one roof. You can utilise all our services with a single login in our exclusive partner area. The Q.PARTNER portal gives you central access to all tools.

Q CELLS ROOFTOP PLANNER
As a Q.PARTNER, you can save time and resources by implementing all configuration steps in a single program.

TRAINING FOR PROFESSIONALS
Take part in our professional training sessions for installers. You will learn everything you need to know about application-specific installations, and the advantages of Q CELLS’ high-quality products.

ATTRACT NEW CUSTOMERS
For example, take advantage of our online solar calculator and projects from the Q CELLS network. You can handle all leads directly in our Lead Management tool at the Q.PARTNER portal.

EXTENSIVE MARKETING SUPPORT
Our partner portal has all Q CELLS communications ready for you – you can also order your promotional material directly via the marketing shop.

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As a Q.PARTNER, you can save time and resources by implementing all configuration steps in a single program.

TRAINING FOR PROFESSIONALS
Take part in our professional training sessions for installers. You will learn everything you need to know about application-specific installations, and the advantages of Q CELLS’ high-quality products.

ATTRACT NEW CUSTOMERS
For example, take advantage of our online solar calculator and projects from the Q CELLS network. You can handle all leads directly in our Lead Management tool at the Q.PARTNER portal.
BENEFITS FOR OUR PARTNERS

Are you a believer in our products, and want to show it? Would you like to become our brand ambassador? Then choose a partnership with Q CELLS and become our Q.PARTNER.

- Exclusive online portal
- Professional sales documents
- Individual marketing and sales support
- Attractive pricing
- Bonus compensation
- Extensive planning software
- Individual contacts
- Local technical service support
- Product and online training
- Lead generation
- Speedy and direct product requests
- Special delivery conditions

Become a Q.PARTNER

GET IN TOUCH WITH US
partner@q-cells.com
+49(0)34946699-23222

WE WILL VISIT YOU
Our sales representative will come for a visit and complete the partnership agreement with you.

BENEFIT AS A Q.PARTNER
Receive access to our Q CELLS Q.PARTNER portal and marketing materials and benefit from attractive purchasing and delivery conditions.

REFERENCES

JUNONY, POLAND
6.4 kWp
The photovoltaic installation was integrated into the appearance of the building. As a result, it is not only an additional element but an integral part of the building. This project deserves attention because aside from the obvious practical function, it also plays an aesthetic role, showing the beauty of home photovoltaic installations.

STOWBRIDGE, UNITED KINGDOM
24.3 MWp
The Stowbridge solar park in the south-west of the UK was built in just 12 weeks in early 2014 and is based on our Q.MEGA system. Q.PRO-G3 solar modules in the 255 to 265 Wp power classes were installed — the successor to our polycrystalline solar module that was crowned the winner of Photon magazine’s 2014 yield test.

ROTTERDAM, NETHERLANDS
822 kWp
The largest solar system in Rotterdam was built on the frozen goods warehouse of FrigoCare in Waalhaven. 3,100 Q.PRO BFR-G4.1 solar modules were installed on a roof area of 7,500 m² (the size of a soccer field), thereby ensuring 750,000 kW of annual electricity generation.

KLEVE, GERMANY
749 kWp
Since 2015, B&W Energy has installed two photovoltaic systems with a total output of around 1.25 MWp: ‘The generated solar power is used to operate our machinery and thus reduces the amount of externally sourced electricity. During our downtimes, the solar power is fed into our supplier’s grid.’ The second photovoltaic system (749 kWp) included around 2,500 high-performance Q.PEAK-G4.1 solar modules from Q CELLS.
For Q CELLS photovoltaic technology is not just a product. It is the key to reliable, powerful, and sustainable energy supply – today and for future generations.

Q CELLS is one of the world’s largest and most recognised photovoltaic manufacturers for its high-quality, high-efficiency solar cells and modules. It is headquartered in Seoul, South Korea (Global Executive HQ) and Thalheim, Germany (Technology and Innovation HQ) with manufacturing facilities in South Korea, Malaysia and China. Q CELLS offer the full spectrum of photovoltaic products and solutions. Q CELLS, as an affiliate of the Hanwha Group with assets over $180 billion, is both a trusted and bankable solar partner for our customers worldwide. Our cell production capacity of 9 GW and solar module manufacturing capacity of 10.7 GW (as of January 2019) makes us the largest cell manufacturer and one of the largest solar module manufacturers in the world. We have a Tier 1 Bloomberg rating and we are a BNEF Top Tier module supplier.

As a member of the Hanwha Group, one of South Korea’s 8 largest corporations, Q CELLS is backed by a strong partner with a proud 65-year history. Globally, it is ranked 244th among Fortune Global 500 companies and operates 325 networks worldwide. At the centre of it all, it is our group’s belief and desire to lead a sustainable future for both mankind and our planet. The sun powers everything that grows on earth – it is clean, cost-effective, and infinite. Driven by our corporate philosophy of giving and earning trust and loyalty, we are able to meet the energy needs of people and institutions in diverse markets. Our full-scale entry into the photovoltaic business in 2010 was a natural extension of this mission, allowing us to offer a world-class array of sustainable solar products and services for generations to come.