



ENYSUN – PHOTOVOLTAIC  
DISTRIBUTION BOARDS  
FOR PRO'S

[hensel-electric.de](https://hensel-electric.de)

**HENSEL**

## Always by your side

HENSEL has been at your side as a reliable and high-quality brand for electrical installation and power distribution for 90 years. Those who use HENSEL solutions know that they can rely on durability, robustness and ease of use. Cable junction boxes, power distributors and switchgear from HENSEL are the first choice, especially in environments where the highest level of electrical safety is required. However, HENSEL also stands for active support along the entire planning and assembly chain in order to master the challenges of the future together with you.



## WHEN THE GOING GETS TOUGH.

Where the environmental conditions are particularly demanding, the solutions from HENSEL show their particular strengths. Moisture, dirt, heat or other physical external influences can impair safe energy distribution. Here, HENSEL is your best possible partner.



## HENSEL LASTS.

In harsh environments, robustness and durability are particularly important for the power supply. The engineering team at HENSEL therefore attaches great importance to resistant and high-quality materials and workmanship for every product.



## QUALITY IS NOT SIMPLY A PHRASE.

At HENSEL, quality is not only in the products, but in every single step of the process. Quality awareness is also a matter of course for our employees every day. HENSEL quality is incorporated into every single aspect of the business – from attentive service to the smallest accessory.



## PERFECT FUNCTION.

On the construction site, everything has to fit and move quickly. So that you, as a professional, can do your job perfectly, all HENSEL products are not only produced to a high standard, but are also easy to assemble and operate. At HENSEL, design means above all practical ergonomics.



## MORE THAN JUST PRODUCTS.

Of course, you can count on HENSEL's proven service. However, in addition to daily advice and short delivery times, HENSEL also offers you help with your system planning and support with digital tools – such as ENYGUIDE, the 3D planning tool for distribution systems.



# PHOTOVOLTAIC SOLUTIONS FROM HENSEL

Product solutions with many advantages

INDIVIDUAL SOLUTIONS?  
TALK TO US!





**Standardised and pre-fabricated**

Our ENYSUN product solutions provide a number of advantages when it comes to selecting and installing photovoltaic systems.

The PV generator junction boxes only need to be connected on site. Some of them have suitable plugs for easy connecting of the PV strings and inverters. The solar inverter collectors are pre-fabricated enclosure sets, which can be individually adapted on site. Busbars, overvoltage protection devices and connection terminals are already installed.

**Proven HENSEL quality**

All ENYSUN distribution system products fulfill the IEC 60364-7-712 standard. The general compliance with this standard stands for the high quality level of the HENSEL + ENYSUN product range. By using high-quality materials, you can always count on them functioning perfectly. ENYSUN systems are impact-resistant, dust-proof and waterproof (Degree of protection up to IP 65), UV resistant and resistant to corrosion from rain, ice and snow.

**Accessories**

In the accessories, you will find suitable products to effectively reduce the accumulation of condensation in the boxes.

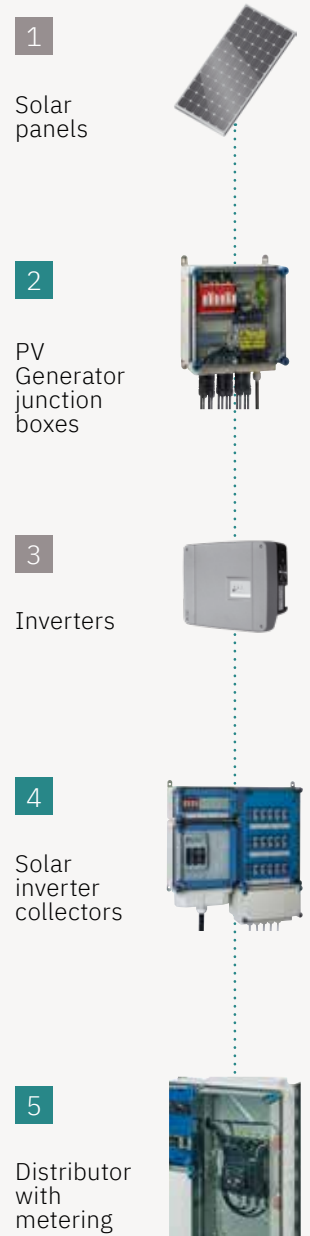
# ENYSUN – SOLUTIONS FOR PHOTOVOLTAICS

ENYSUN channels the power of the sun for your photovoltaic systems. Professional and smart thanks to pre-assembly. Safe due to the highest material quality. Standard-compliant thanks to HENSEL know-how.





- + Generator junction boxes for PV plants up to 1000 V d.c. and solar inverter collectors for a rated power of 220 kVA
- + Ready-to-connect isolation points for a rated power of 350 kVA
- + Degree of protection up to IP 65, protection class II,



# PV GENERATOR JUNCTION BOXES

**Overload protection for all applications**







Completely assembled and ready for connection



With surge arresters, string overload or blocking diodes if necessary



Accessories for outdoor applications (e.g. ventilation flange, canopy)

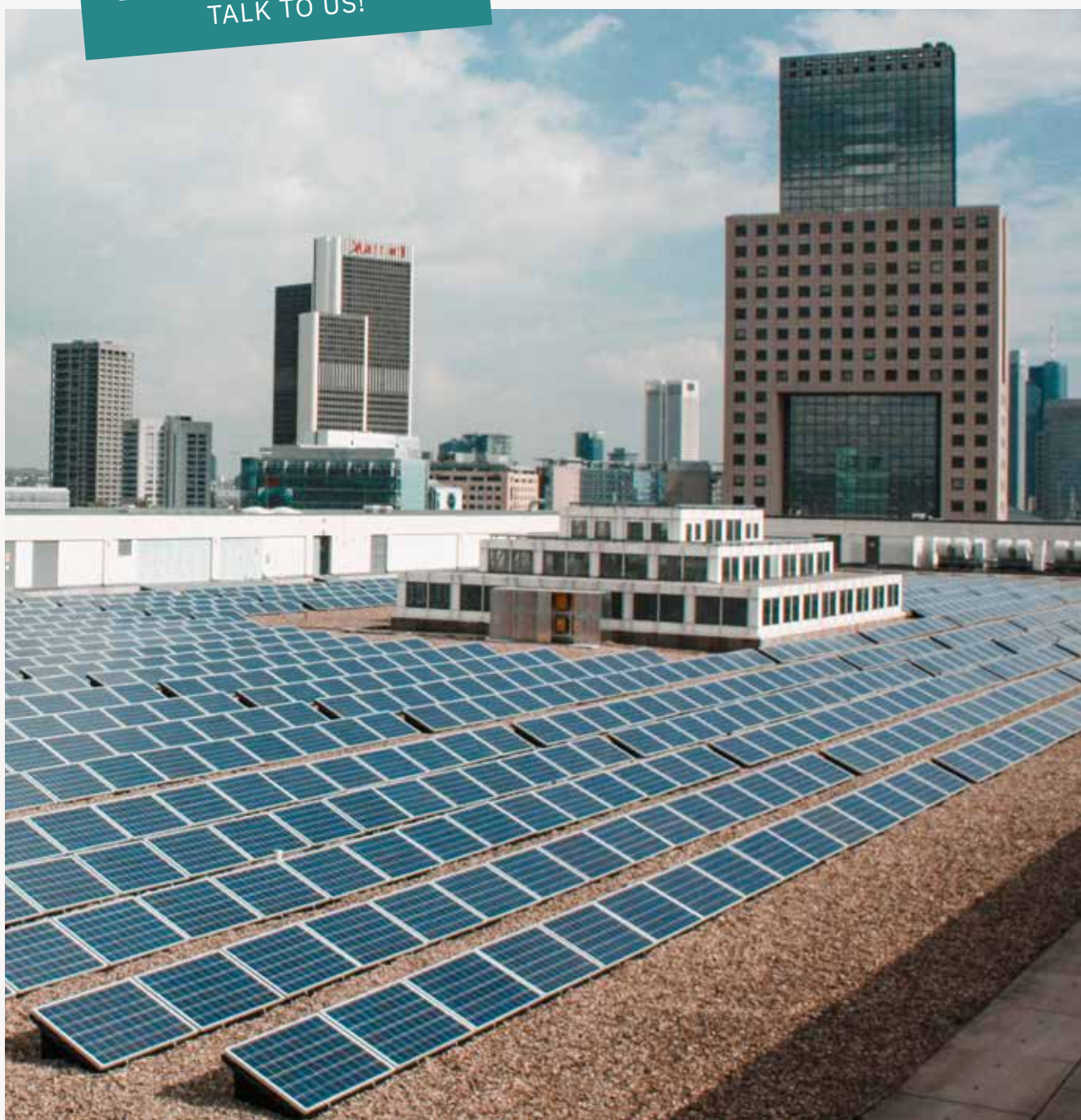
INDIVIDUAL SOLUTIONS?  
TALK TO US!



# SOLAR INVERTER COLLECTORS

**Thermal pressure through  
generation systems**

INDIVIDUAL SOLUTIONS?  
TALK TO US!







Supplied as a set -  
easy assembly  
with standard tools



Spacers guarantee radiation and  
degree of protection IP 2X



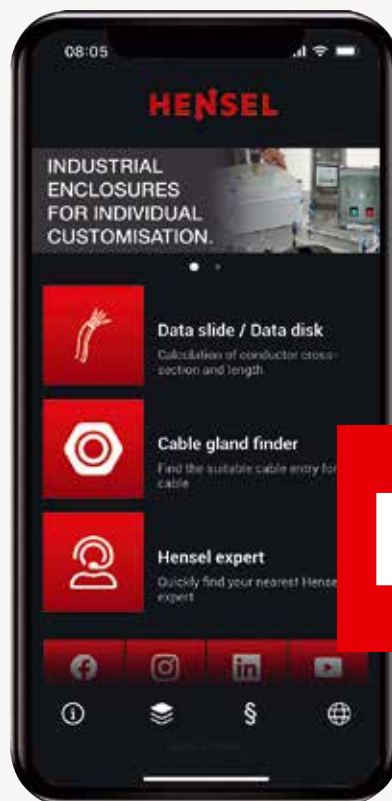
Applying of thermal effect  
by generation systems



# ENYEXPERT – MORE KNOWLEDGE IN YOUR HAND

Always be up-to-date on the go. In addition to useful information, the HENSEL app offers simple and practical tools to make your everyday work easier.

- + **Data slide / data disc**  
Determination of conductor cross-section and length
- + **Cable gland finder**  
Find the suitable cable entry for your cable
- + **HENSEL expert**  
Quickly find your nearest HENSEL expert



AVAILABLE FOR ANDROID AND  
IOS (FREE OF CHARGE)



ANDROID  
Scan QR-Code



IOS  
Scan QR-Code

# SERVICE@HENSEL – DIGITAL, ANALOGUE AND ON SITE

In addition to the ENYEXPERT app, HENSEL offers other useful and innovative tools that significantly facilitate the everyday work in the electrical trade:



**+ MY HENSEL-BOX**

**Your Logo on the HENSEL-box**

Use the HENSEL-box as a business card for your installation services



Please contact your HENSEL expert:  
**hensel-electric.de**

**+ ENYGUIDE**

**The 3D Configurator for Mi- and ENYSTAR distribution boards**

Whether as a 2D drawing or as a three-dimensional image – The intuitive 3D planning tool ENYGUIDE supports electrical specialists in the planning, project planning and ordering of HENSEL ENYSTAR and Mi Distribution boards.



More:  
**enyguide.de**

**+ CALCULATION TOOL**

**for the verification of the permissible temperature rise**

The online tool for quickly and easily determining the power loss.



**+ PORTAL 61439**

The platform with all information about design and assembly according to IEC 61439 / EN 61439.



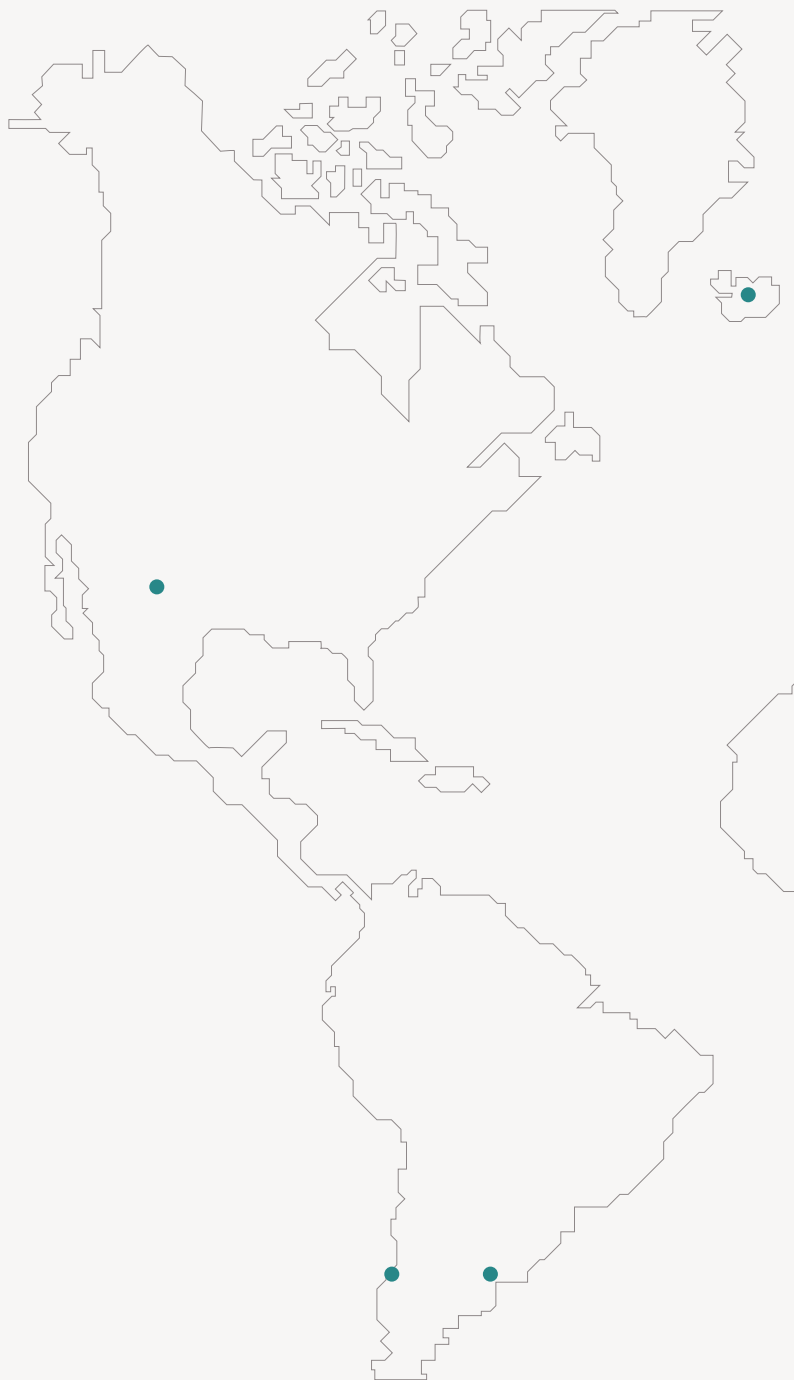
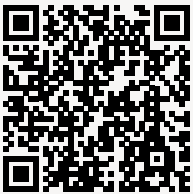
# WE PROVIDE YOU WITH PROJECT SUPPORT!

HENSEL maintains a close-knit network of technical field offices, distribution bases, subsidiaries and foreign representative offices throughout the world.

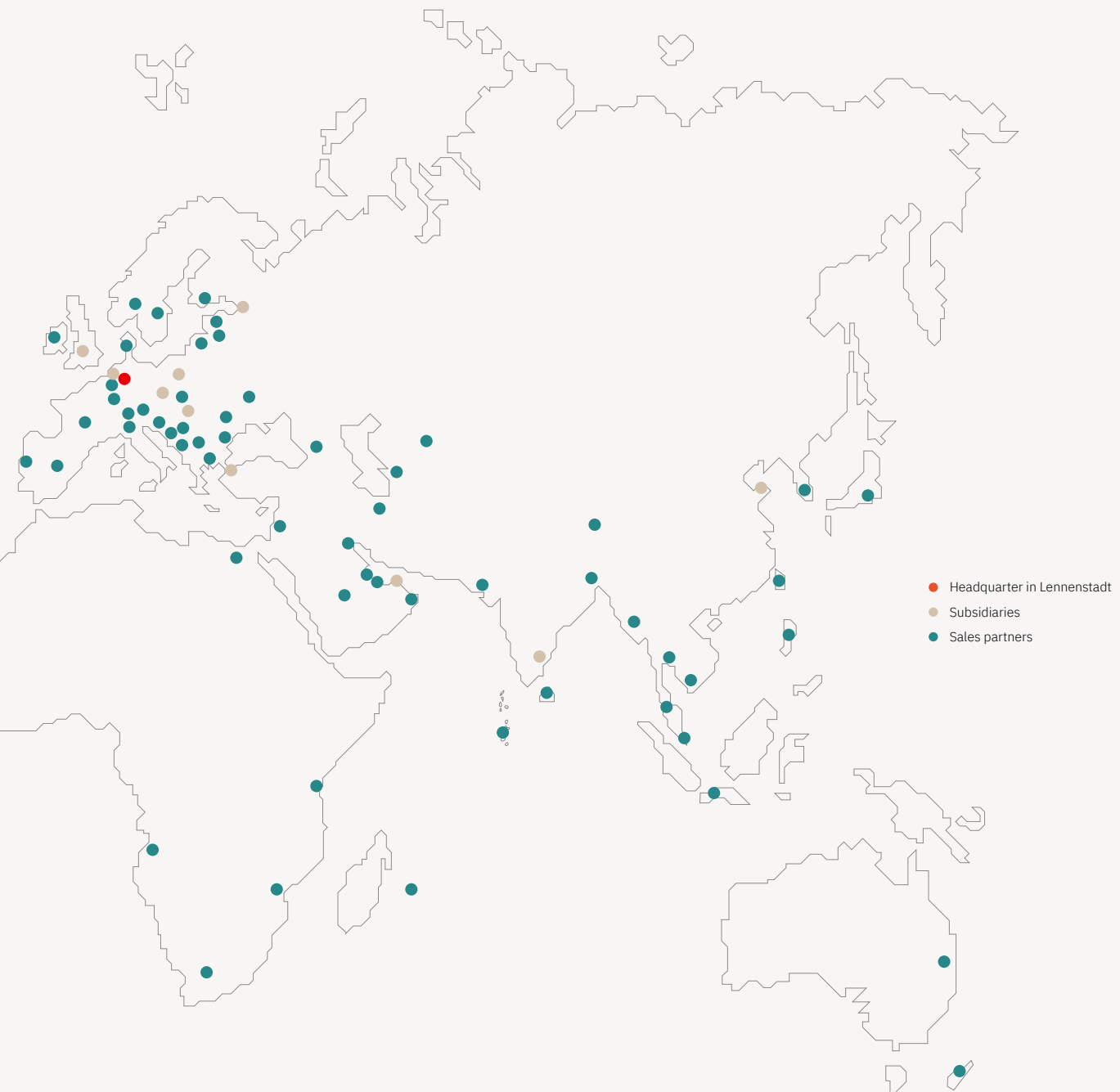
**Please scan the QR code or see our website**

**[www.hensel-electric.de](http://www.hensel-electric.de)**

**to get detailed information.**







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