

BELPA BV

Harderwijk – The Netherlands

The Energy Transformers



Belpa B.V.

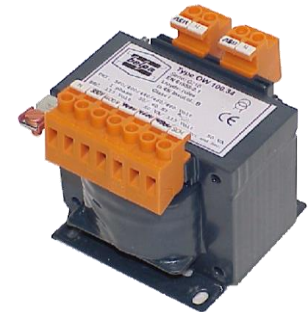
- Key figures
- Activities
- Markets
- Product groups
- Strategic partners
- Product examples



Key figures :

- **Founded : 1946**
- **Locations since the founding : Amsterdam, moved to Harderwijk in 1955 and since 1996 in this building.**
- **FTE : 21**
- **Management Belpa B.V. since 1 – 7 – 2022 :**

Edwin Bultman / CCO
Sander Zoon / CFO



Activities

- **Industrial products**
- **Electrical Medical Products**
- **Storage systems / Renewables**
- **Service, Commissioning and Maintenance**
- **Turnover Industrial / EMT = approx. 50% / 50%**



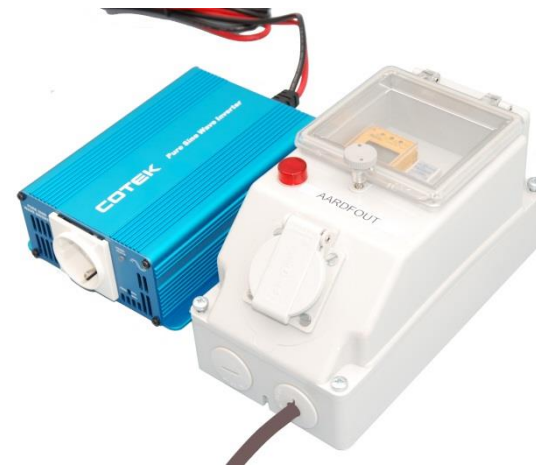
Productgroups

- **Transformers / Power up to 20 MVA**
- **Power supplies / Inverters**
- **Special coils**
- **UPS**
- **Inverter/Insulation protection for automotive applications**
- **Concepts for Electrical Safety in Medical used rooms including :**
 - **Transformer cabinets**
 - **Insulation monitoring and Visualization**
 - **Uninterruptable Power Supplies (UPS)**
- **Energy Storage**

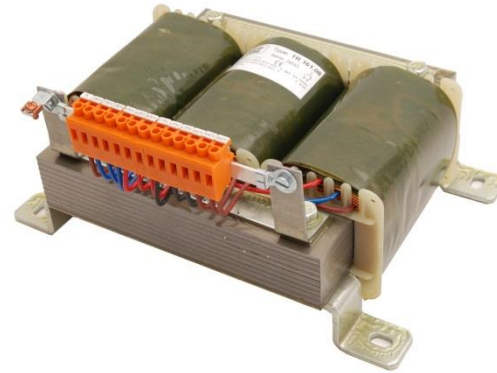


Strategic partners

- **Bender (Benelux / Germany)**
- **Siel Energy & Safety (Italy)**
- **Trans Electro / Scandinavian Transformers (Denmark / Poland)**
- **Trasf Eco (Italy)**
- **Tesar (Italy)**
- **Trustec Energy (Germany)**



Transformers / DC power



Belpa production facilities

- Single phase / 3-phase
- DC systems
- Power < 35 kVA



Transformers, Dry, AN/AF cooled



- Up to 1,5 MVA
- Skid mounting at Belpa
- Build on boxes, sensors, etc.



Transformers, Cast Resin / Oil filled



Cast Resin

- 100kVA - 20 MVA
- < 52 kV



Oil filled

- 100kVA - 10 MVA
- < 36 kV



UPS



- Small/medium/large
- 1 kVA to 1,2 MVA
- 19" modular
- Remote control



Inverters / converters / chargers



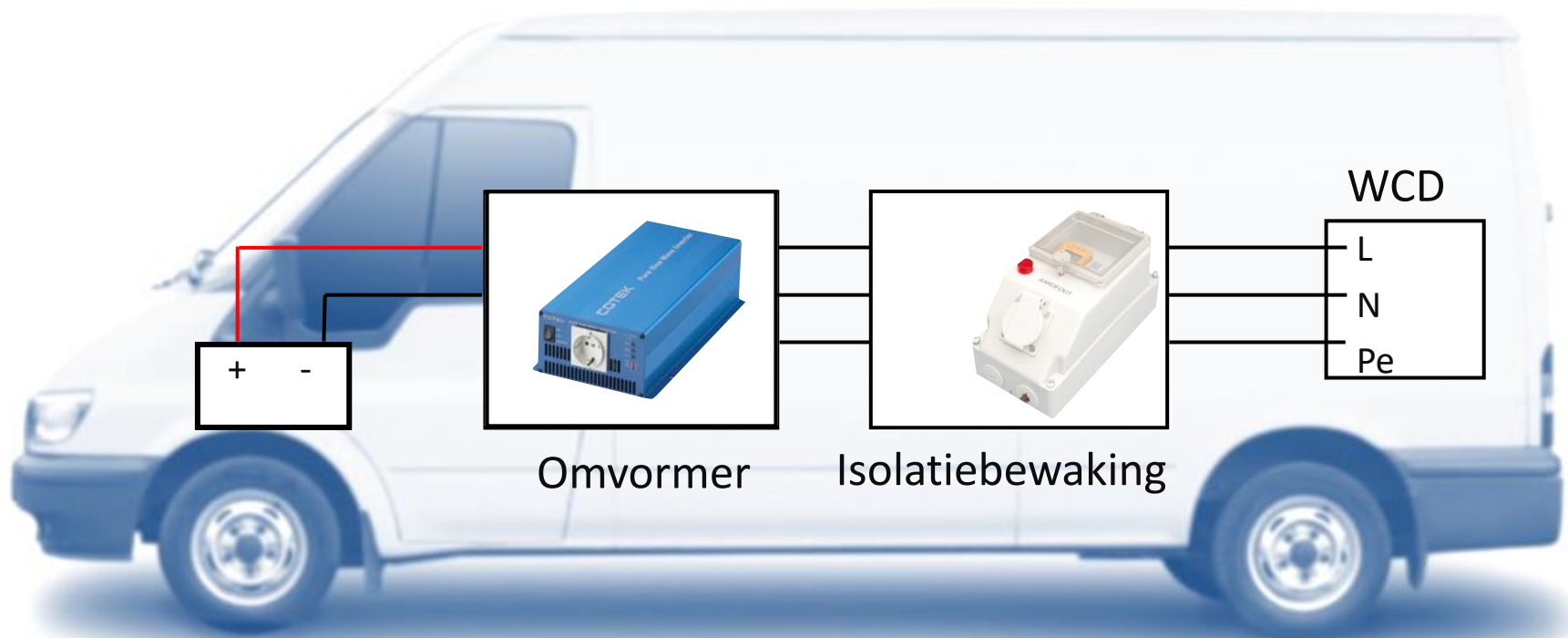
AC → DC
DC → AC



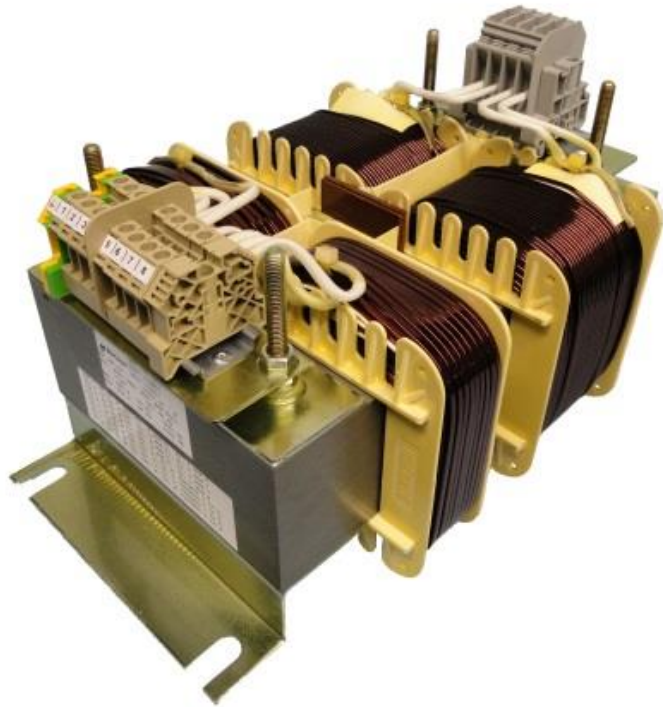
COTEK



Safe power supply for vehicles



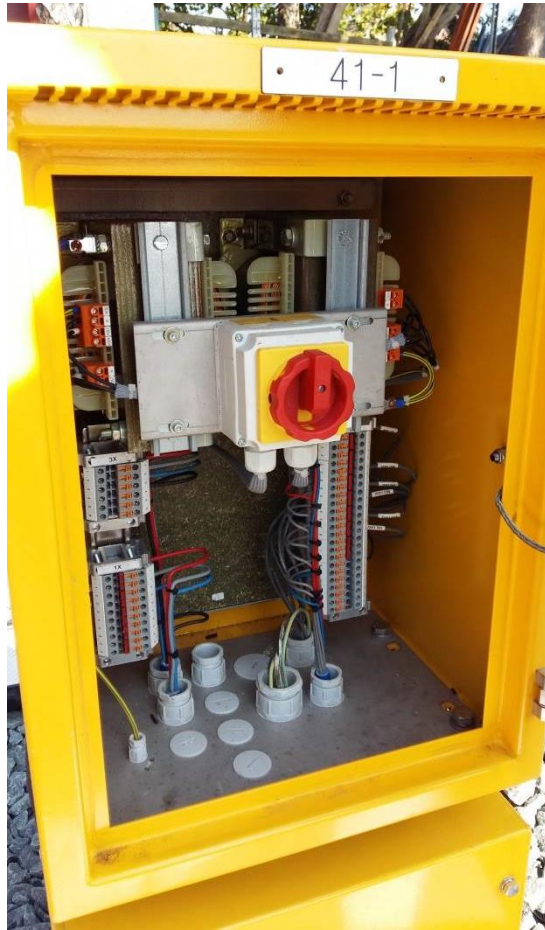
Industrial products



Ballast transformer for UV lamps systems used for Water purification systems and Ballast water treatment systems



Industrial products



**Special transformers for
Railway safety systems**

Industrial products



Power switch over installation
for prevention high/low voltages



Industrial projects

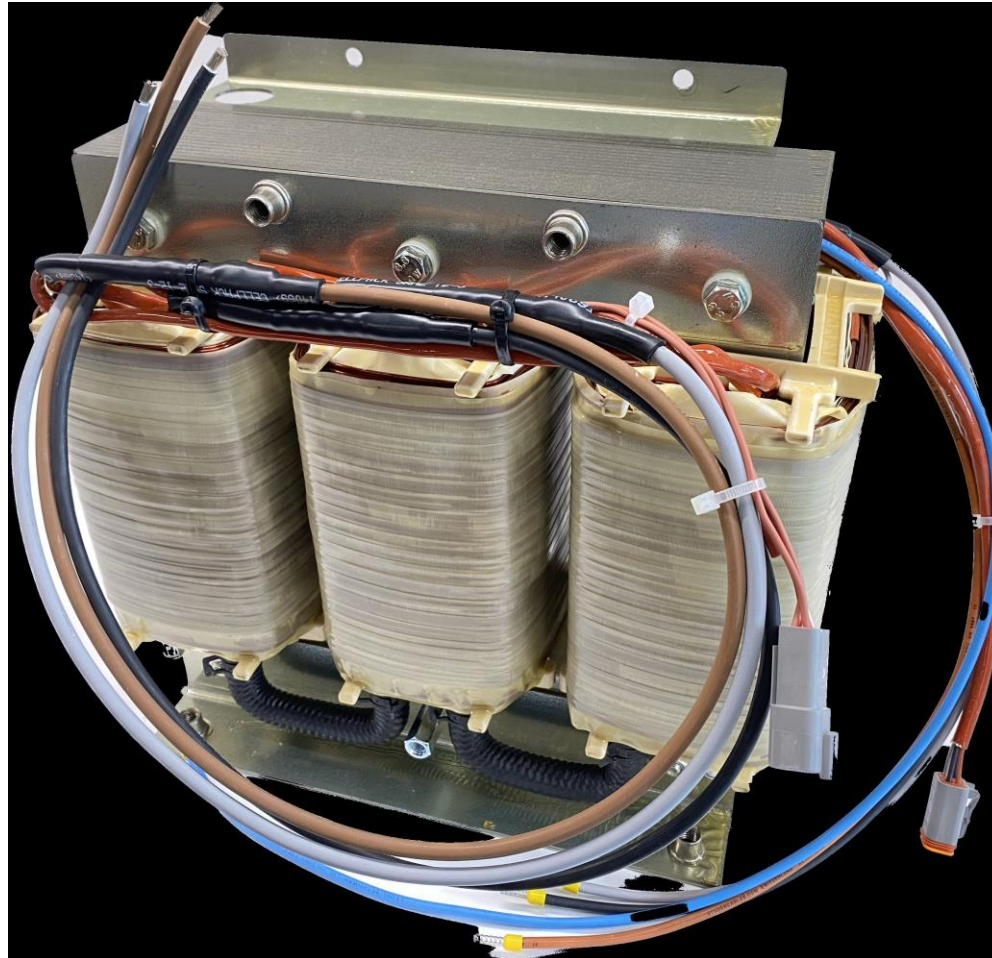
Scheveningen harbour, shore power transformers



8x 305 kVA

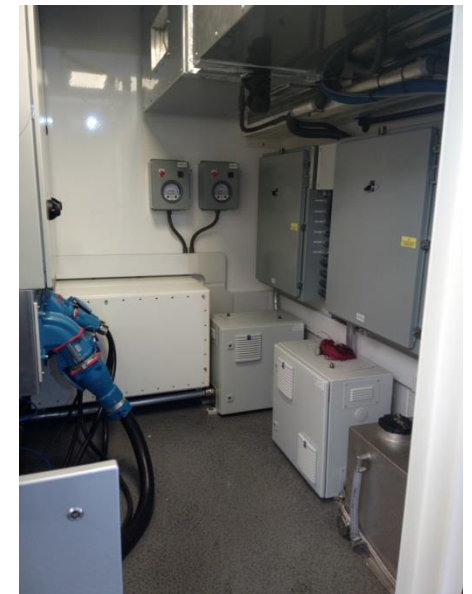
Industrial projects

Watercooled transformers for several purposes



Industrial products

Cabinets with 3 phase transformer mounted in containers with analysing devices built acc. to UL



Electrical Medical Products



Custom built cabinets for power supply in Medical used rooms with Transformers, Impedance Monitoring, Visualization and UPS



Energy storage



2014 - 2016

Cabinet with switch over relays, protection and battery charger – inverter

Energy storage

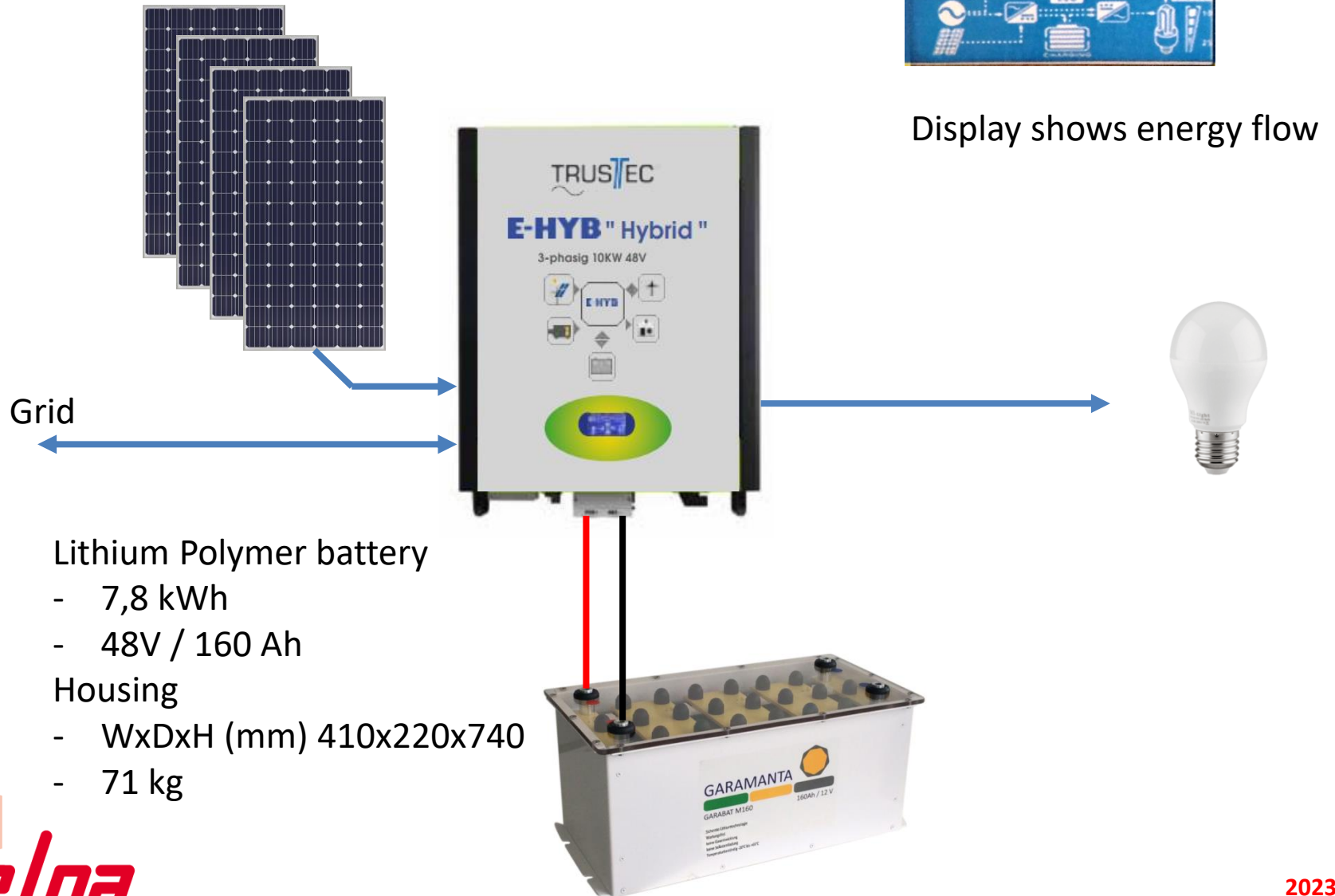


2016

Solar inverter with integrated battery charger and
Grid inverter

Dimensions 5 kVA: WxDxH in mm: 438x120x550

Energy storage



Services :

- **Commissioning**
- **Maintenance**
- **Service**
- **Education EMT**
- **Service-training EMT**

Certifications :

- **Certified for NEN-EN-ISO 9001 : 2015 and VCA* 2017/6.0**
- **Certified for Approved Self Assessment as mentioned in the Safety Culture Ladder, managed by NEN, for service, commissioning and maintenance on electrical installations for electrical safety in medical used rooms.**
- **Quality label by FEDET for manufacturing custom built cabinets for medical applications**
- **Certified for several products by UL, DNV GL (Kema Keur / DEKRA), Veritas, etc.**

Questions ?

Thank you for your attention.

www.belpa.nl