

prolec®



Complete Product Range of PV Transformers

Solar Application



Transformers Specially Designed for Photovoltaic Generation



Reliability

15+ years

of experience in the
renewable market

65+ GW

installed in North America



Support

24/7

Post sale assistance



99.6%

Reliability at site



Flexibility

- Custom made transformers
- Smart sizing & easy connections



Flexibility to provide the best
solution for our customer's
unique applications

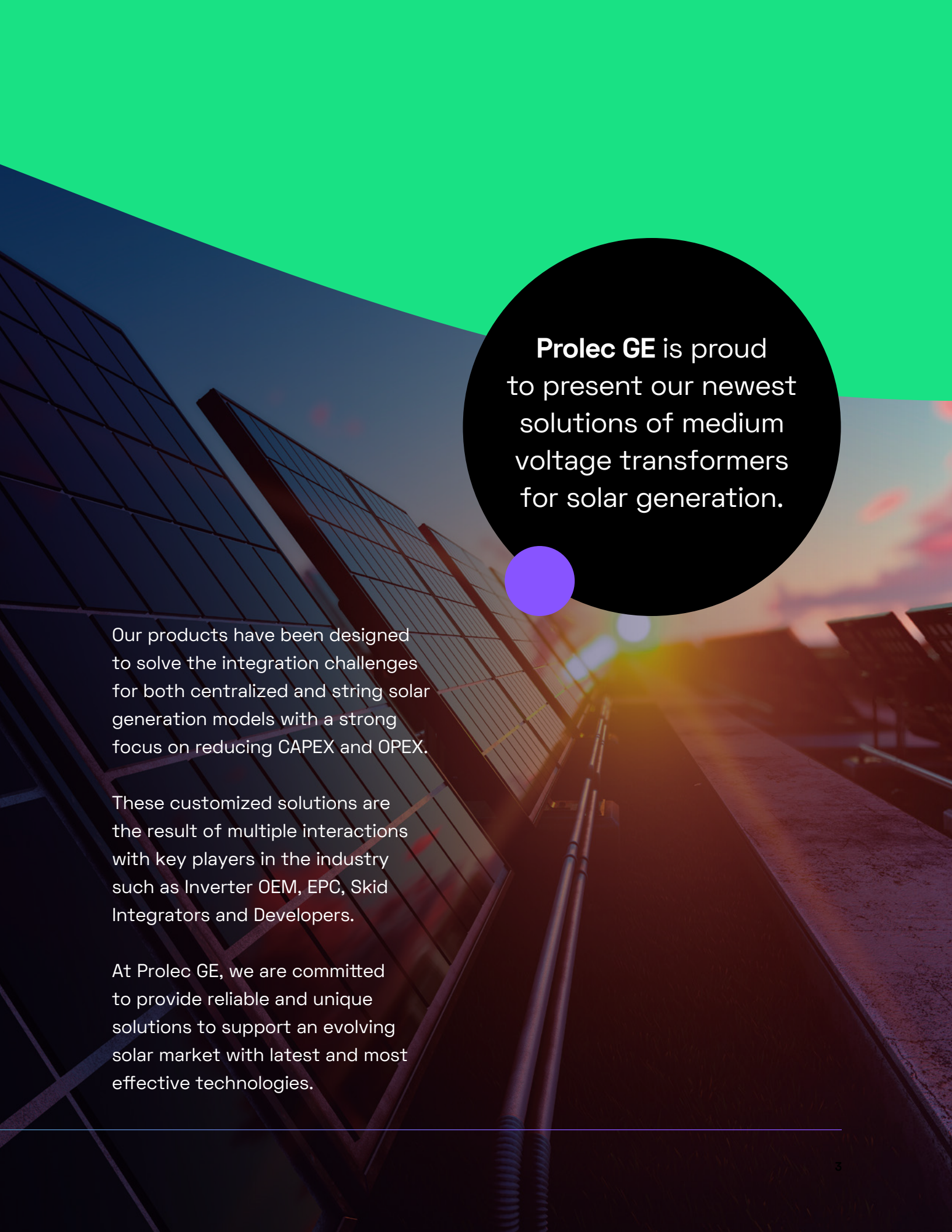
Safety & Protection

-  Safer operation
-  Risk reduction

Integrated with switch
gear protection for higher
ratings, up to 6 MVA

+2000

Transformers installed



Prolec GE is proud to present our newest solutions of medium voltage transformers for solar generation.

Our products have been designed to solve the integration challenges for both centralized and string solar generation models with a strong focus on reducing CAPEX and OPEX.

These customized solutions are the result of multiple interactions with key players in the industry such as Inverter OEM, EPC, Skid Integrators and Developers.

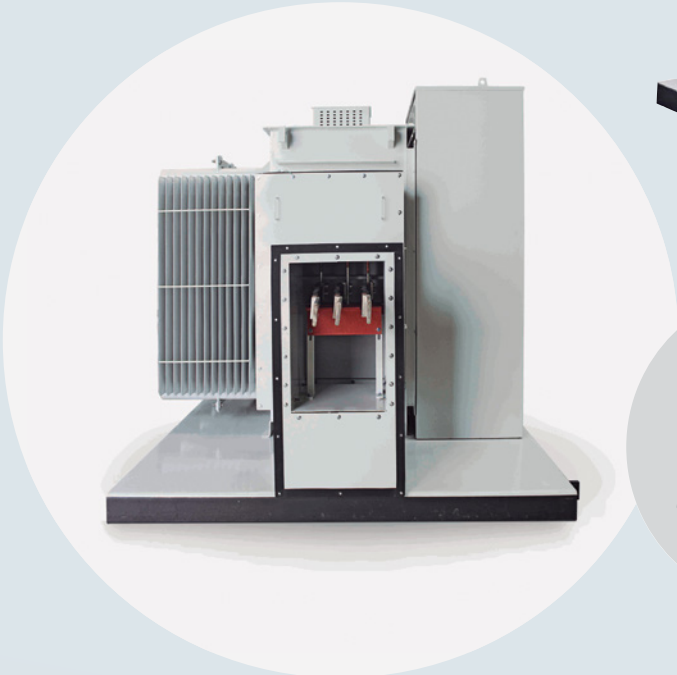
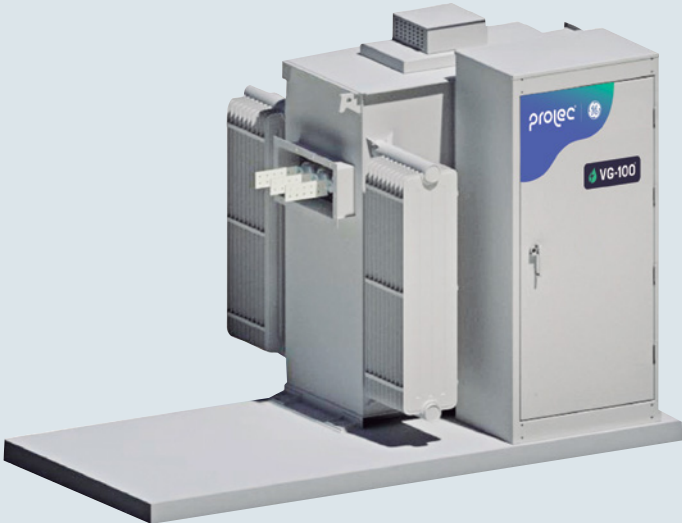
At Prolec GE, we are committed to provide reliable and unique solutions to support an evolving solar market with latest and most effective technologies.

Smart Integration

Optimum solar transformation center benefit:

- Ready to install – Plug and play PV transformer for central and string inverters.
- Significantly reduces project installation cycle.

Tailor-made
solutions to
lower CAPEX.



Easy Coupling

Easy connect benefit:

- Simplified close-coupling.
- Single or twin LV connection.
- Reduced technical losses.

Easy access benefit:

- For easy installation and lower maintenance.



**Bus bars or cable connections.*



Added Features to Lower OPEX

HV Arc Flash Protection

Feature:







- External box for:
 - Gauges and alarm contact on-load monitoring.
 - Oil sampling.
 - Switching.
- Visible load break.

Benefits:

- Lower maintenance cost.
- Lower arc flash risk.
- Remote monitoring.



Transformers Suitable for Central and String Solutions

-  Single or twin LV connections.
-  Extended base for additional equipment.
-  Coating up to C5M corrosive environment.
-  Every paint shade available.
-  High seismic conditions withstand certification.
-  Prolec GE's patented natural ester VG-100®.

Rating:

- Rating up to 7 MVA.
- High voltage up to 46 kV and 250 kV BIL.
- Low voltage up to 15 kV and 95 kV BIL.

Accessories:

- No Load Tap Changer 5 or 7 positions.
- Electrostatic shield.
- Switch viewing window.
- Bushing well or integral bushings.
- Epoxy or porcelain material bushing.
- Infrared window.

Connections:

- Radial or Loop feed.
- Dead or Live front.

Construction Configurations:

- Aluminium or copper windings.
- Wounded or stacked core.

Cooling:

- Type ONAN, KNAN, ONAF, KNAF.
- Radiators panel type.
- Mineral oil or VG-100®.
- Temperature rise 55, 55/65, 65, 65/75, 75 C°.
- Altitude up to 4,500 MASL.

Protections:

- Expulsion fuse + current limiting fuse.
- Internal surge arresters.

Tank:

- Material: Carbon or stainless steel.
- Seismic zone (IBC).
- Coating system:
 - C1 through C5.



LOCATIONS

MEXICO

APODACA

Blvd. Carlos Salinas de Gortari km. 9.25
Apodaca, NL 66600
+52 (81) 8030-2000

USA

SHREVEPORT

7000 W Bert Kouns Industrial Loop
Shreveport, LA 71129
+1 (318) 687-6600

WAUKESHA

400 S Prairie Ave.
Waukesha, WI 53186
+1 (262) 547-0121

GOLDSBORO

2701 US Highway 117 South
Goldsboro, NC 27530
+1 (919) 734-8900

DALLAS

9011 Governors Row
Dallas, TX 75247
+1 (214) 637-4434

BRAZIL

CANOAS

Avenida Guilherme Schell, 11500
Canoas, RS 92.420-820
+55 (51) 3477-8700

For more information:
info@prolec.energy

prolec.energy

