

Complete Product Range of PV Transformers

Solar Application

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.



Standard features	
Rating	2 winding: up to 5MVA 3 winding: up to 3MVA
High voltage	2 winding: up to 46kV 3 winding: up to 34.5kV
HV BIL	250 kV
Low voltage	Up to 15 kV
LV BIL	95 kV
Windings	Aluminum or cooper
General Standard IEEE	IEEE C57.12.34
Temperature rise	55, 55/65, 65, 65/75, 75 C°
Cooling class	ONAN, KNAN, ONAF, KNAF
Tank	Carbon or stainless steel
Surge Arresters	Internal
Bushings well or integral	Epoxy or porcelain
Altitude	4,500 MASL
Oil	Mineral oil or VG-100®

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.



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.



For more information:
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