

ETEL

WIND POWER



ETEL Ltd is a NZ owned and operated Distribution & WTG Transformer manufacturer. With a sizable industrial plant based in Auckland, and warehousing and storage facilities in Melbourne, ETEL is ideally positioned to supply small to large capacity transformers into all areas of Australasia.

ETEL has a Development Engineering team dedicated to the research and implementation of sustainable solutions, with decades of industry knowledge. ETEL believe experience plays an important role when designing for the harsh Pacific climate. For over 18 years ETEL has collaborated with customers throughout Australasia to supply complete kiosk systems, with long-life designs suitable for all atmospheric conditions.

ETEL's local manufacturing and engineering presence allows rapid support, ensuring that equipment operates smoothly in the field. ETEL also supplies a wide range of refurbishment and maintenance service support for a number of distribution transformers, including inspection, fault finding, repairing, re-tanking, testing and redesigning (up-rating or re-vectoring are possible).

ETEL can accommodate specialty designs with customer specified MV Switchgear, and custom built LV switchboards.

Features:

- Simple tank and terminal configurations for optimum cost efficiency
- Full Kiosk assemblies including installed customer selected Medium Voltage and Low Voltage Switchgear
- Accessories for Transformer protection and monitoring
- 100kVA up to 3.5MVA
- Multiple paint systems available to suit environmental conditions
- Standard distribution transformer oil or flame resistant biodegradable fluid available.



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Transformer rating	100kVA – 3.5MVA
Vector Group	Dyn11 or YNd11as standard (others available on request)
Type of cooling	ONAN or ONAF
Core Type	3 Limb, core type construction. Cold Rolled Grain Orientated Electrical steel sheets.
Transformer Tank Sealing	Hermetically Sealed
HV Voltage Ratings	6600, 11000, 22000, 33000 volts as standard (others available on request)
LV Voltage Ratings	415 – 240V Dyn11 433 – 250V Dyn11 690 – 400V Dyn11
BIL/Power Frequency Levels	95kV peak/28kVrms 150kV peak/50kVrms 200kV peak/70kVrms (others available on request)
Oil Type	Standard Transformer Oil to BS 148, Flame Resistant Biodegradable Fluid
Material of winding conductors in HV	Copper or Aluminium
Material of winding conductors in LV	Copper or Aluminium
MV Switchgear	Customer Specified
LV Switchgear	Customer Specified