

NOARK ZG Series Pad Mount Transformer



NOARK Offers Unparalleled

- Pricing
- Lead Times
- Design
- Quality
- Service

Applications & Markets

- Data Centers
- Crypto Currency Mining
- Solar Power
- Wind Power
- EV Charging

ZG Series

ZG series Pad Mount Transformers are ideal for Power Distribution networks (Industrial parks, Commercial centers, Community and High-rise buildings), Wind power, Photovoltaic solutions etc.

They are constructed and can be produced for almost any custom design. They consist of HV and LV compartments with built-in HV and LV terminals, transformer housing, Load Breaker Switch, Tap changer, Pressure release valve, Oil level gauge, and Thermometer.

Structural characteristics

The transformer body, Load Breaker Switch, Fuse, Tap changer, etc. are all placed in the tank, which has high integration, resulting in a smaller footprint. Generally, the volume is only equivalent to about a third of a Prefabricated Substation at the same voltage level and capacity, with the additional advantage of reduced weight. The HV side is protected by dual fuses (backup fuses and plug-in fuses) for safety and reliability. The HV Load Breaker Switch adapted for ring or radial network, makes it easy to connect to reliable power supply.

Specifications & Features

Voltage Range: Up to 35kV

Capacity Range: 200kVA~10MVA

Certificate: UL certified, capacity range
30~5000kVA

Standards: IEEE C57.12.00, C57.12.28, CSA C2.1-06, C227.4

HV Bushing Config:

1. Dead front or live front
2. Loop feed or radial feed

Fluid Options:

1. Mineral Oil or Natural Ester Oil

Standard Gauge/Accessory Package:

1. Pressure relief valve
2. Pressure vacuum gauge
3. Liquid temp & level gauges
4. Drain & sample valve
5. Adjustment taps

Switch Options:

- 1.2 Position Load Breaker Switch
- 2.4 Position Load Breaker Switch (V-blade or T-blade)

Fusing Options:

Bayonets & CLFs

Construction:

1. 3-legged core
2. Copper or aluminum windings
3. Carbon reinforced tank or Stainless steel tank
4. Steel divider between HV and LV cabinets

Optional Design Features & Accessories:

1. Gauges w/ Contacts
2. External drain and sample valve
3. Electrostatic Shielding
4. K-Factor Design
5. Step-up Design
6. Surge-Arresters

Available Ratings	
Sizes (kVA)	150, 225, 300, 500, 750, 1000, 1250, 1500, 1750, 2000, 2250, 2500, 2750, 3000, 3750, 5000
Frequency	60 Hz or 50 Hz
Cooling Class	ONAN or KNAN
Temp Rise	55°C, 65°C
Voltages	Available in Δ or Y configuration
600V	208
	240
	416
	480
	600
2.5kV - 5kV	2400
	4160
	4800
15kV	12000
	12470
	13200
	13800
	14400
25kV	20780
	21600
	22900
	24940
35kV	33000
	34500

For more information about the product, lead times, and pricing, contact TDSales@noark-electric.com

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