Trafox

INQUIRY

Contact (company, name, e-mail, mobile):	

Essential Information Needed to Order Transformers

· Apparent Power (VA, kVA)	
· Primary Voltage & Current	
· Secondary Voltage & Current	
· VA Ratings for Each Secondary Winding (if multiple secondaries)	
· Winding Usage: Are all windings used simultaneously or separately?	
· Three-Phase Transformers: Specify vector group (e.g., Dyn11, Yy0, etc.)	

Typical Transformer Specifications (unless otherwise specified)

· Cooling Method: AN (Air Natural)	
· Applicable Standards: IEC / EN	
· Compliance: CE marking	

Providing very many details can sometimes restrict the design and available options. However, if specific requirements are known, the following optional details may be useful for optimizing the design.

· Application / Usage: (e.g., industrial, commercial, residential, marine, etc.)	
· Expected Load Usage: Full load or partial load operation?	
· Core Type (if required): Toroidal / EI-core / Other	
· Operating Temperature & Insulation Class:	
- Toroidal transformers: Typically Class E (120°C), also possible Class F (155°C)	
- Power transformers up to 5 kVA: Typically Class B (130°C)	
- Power transformers above 5 kVA: Typically Class F (155°C) or H (180°C)	
· Cooling Method: Air (AN), Forced Air (AF), Liquid-Cooled, etc.	
· Altitude Considerations: (Derating may be required above 1000m)	
· Harmonic Tolerance / K-Factor Rating: (For nonlinear loads)	
· Short-Circuit Impedance	
· Inrush Current Limiting / Surge Protection Requirements	
· Size Constraints & Required Dimensions	
· Weight Considerations	
· Enclosure Type: (IP rating if applicable)	
· Feedthrough Types: (Cable glands, terminals, bushings, etc.)	
· Static Shields: (For isolation & noise reduction)	
· Applicable Standards & Certifications: (IEC, EN, UL, CSA, or other)	
- UL materials or UL insulation system requirement	
· Environmental Considerations: (Humidity, vibrations, corrosive atmosphere)	
· Noise Level Requirements: (If used in noise-sensitive areas)	
· Custom Labeling or Marking Requirements	
· Special Termination or Connection Preferences	