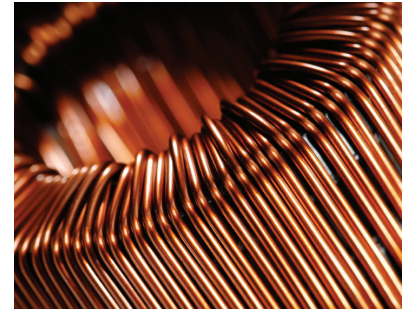


Isolation Transformer & Auto Transformer

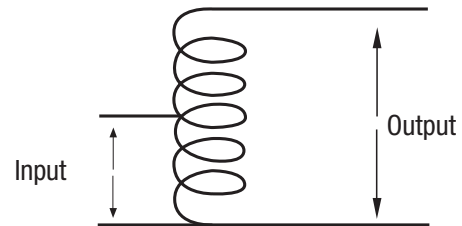


Auto Transformer

Necessary when your load requires higher or lower voltage than what is currently available on your power line.

Characteristics

- > High Efficiency
- > Low Cost
- > Low Impedance
- > Small Size



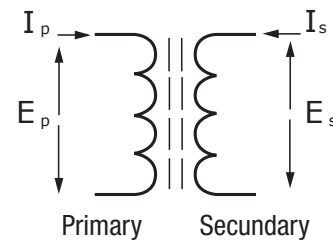
* Auto transformer doesn't allow galvanic isolation

Isolation Transformer

Same as autotransformer along with creating a galvanically isolated electrical environment for the load circuit.

Characteristics

- > Eliminates possible damage to the load due to high or low nominal voltages.
- > Blocks high frequency noise on the power line from reaching the load.



When to include a transformer in your Power Conditioner:

- When the ground and neutral power lines are contaminated, and you require a NEW circuit with phases, neutral and ground.
- When the electrical installation on a building is not of the quality desired and/or when your load requires different voltage levels than those available.
- When you need to increase workplace safety, protecting your workers from electrical accidents.