



PRODUCT NAME : 12-0-12 Volt 750mA T
ransformer by Robomart

PRICE : Rs 125.00

SKU : RM0512



DESCRIPTION

It is a general purpose chassis mounting **mains transformer**. Transformer has 240 V primary windings and **centre tapped** secondary winding. The transformer has flying colored insulated connecting leads (Approx 100 mm long). The Transformer act as step down transformer reducing AC - 240V to AC - 12V.

The Transformer gives two outputs of 12V, 12V and 0V. The Transformer's construction is written below with details of Solid Core and Winding.

The **transformer** is a static electrical device that transfers energy by inductive coupling between its winding circuits. A varying current in the primary winding creates a varying magnetic flux in the transformer's core and thus a varying magnetic flux through the secondary winding. This varying magnetic flux induces a varying electromotive force (E.M.F) or voltage in the secondary winding. The transformer has cores made of high permeability silicon steel. The steel has a permeability many times that of free space and the core thus serves to greatly reduce the magnetizing current and confine the flux to a path which closely couples the windings.

Features of 12-0-12 (24Volt) 750 mA Transformer.

- Soft Iron Core.
- 50 mA Current Drain.

Applications of 12-0-12 (24Volt) 750 mA Transformer.

- DIY projects Requiring In-Application High current drain.
- On chassis AC/AC converter.
- Designing a **battery Charger**.

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