

## Single Phase Bridge Cycloconverter



**Product Categories:** [Electronics](#), [Engineering Equipment](#), [Power Electronics Lab](#), [Power Electronics Lab](#)

**Product Page:**

<https://www.labappara.com/product/single-phase-bridge-cycloconverter/>

### Product Description

#### Single Phase Bridge Cycloconverter

A cycloconverter oftenly called as 'cycle converter' changes the frequency of a single (or three phase) alternating power source without the necessity of an intermediate ac to dc conversion stage. A cycloconverter require multiple control device of a single or three phase excitation, and are limited to low output frequency only. The output of a cycloconverter has a relatively large ripple voltages but comparatively small ripple currents, which is what contributes to motor heating.