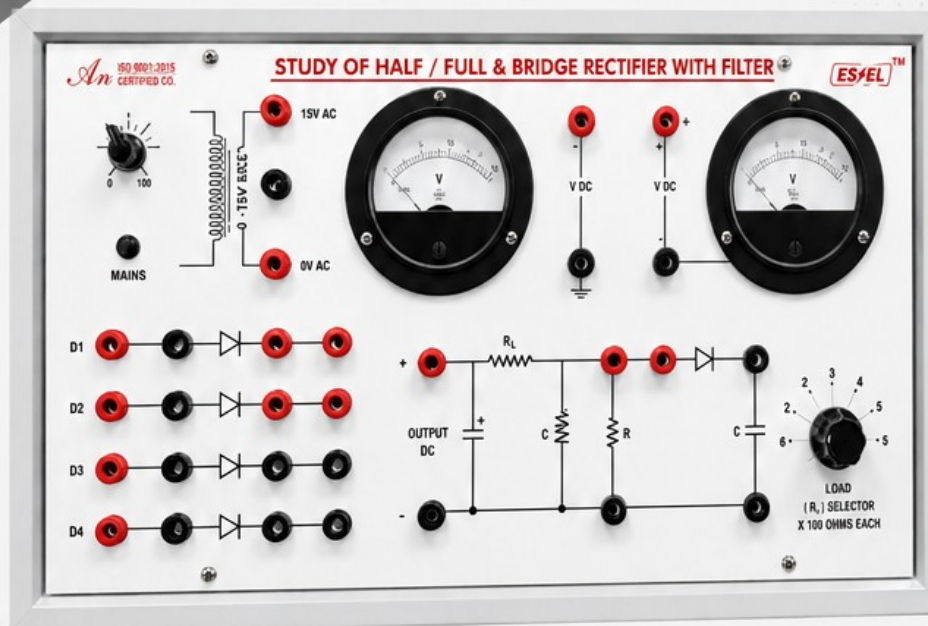


# HALF FULL BRIDGE RECTIFIER WITH 2 METER WITH FILTER

The Half Full Bridge Rectifier with 2 Meter with Filter is a versatile and practical training module designed to demonstrate and study the performance of half wave, full wave, and bridge rectifier circuits with filter. It is an essential tool for students and professionals in the field of electronics, allowing the analysis of rectified output waveforms and DC levels.



## KEY FEATURES



### Comprehensive Study

Covers half wave, full wave, and bridge rectifier circuits with filter.



### Dual Analog Meters

Equipped with 2 meters for accurate measurement of AC/DC voltages.



### Built-in Filter Circuit

Includes capacitor and resistor filter to observe filtered DC output.



### Variable Load

Rotary selector for variable load selection (100  $\Omega$  steps).



### Educational Design

User-friendly layout for easy understanding and experimentation.



### Durable Construction

Rugged panel and high-quality components ensure long-lasting performance.

## SPECIFICATIONS

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| Product Name         | Half Full Bridge Rectifier With 2 Meter With Filter                    |
| Input Supply         | 15V AC (Center Tapped)                                                 |
| AC Supply Taps       | 15V AC – 0 – 15V AC                                                    |
| Mains Indicator      | LED Indicator                                                          |
| Meters               | 2 Analog Meters (0–20V DC)                                             |
| Circuits Provided    | Half Wave Rectifier, Full Wave Rectifier, Bridge Rectifier with Filter |
| Diodes               | 4 x Silicon Diodes (D1, D2, D3, D4)                                    |
| Filter               | Capacitor (C), Resistor (R) Filter Network                             |
| Load                 | Rotary Load Selector ( $R_L$ ) x 100 $\Omega$ Each, 6 Step             |
| Output               | Filtered DC Output                                                     |
| Terminals            | 4mm Socket Terminals                                                   |
| Panel Material       | Powder Coated Mild Steel                                               |
| Dimensions (Approx.) | W 480 x H 300 x D 120 mm                                               |
| Weight (Approx.)     | 4 – 5 kg                                                               |

## APPLICATIONS



Electronics  
Laboratories



Engineering  
Institutions



Educational  
Training



R&D  
Labs



Power Supply  
Design Study



Rectifier  
Circuit  
Analysis

**ESEL INTERNATIONAL**  
AN ISO 9001:2015 CERTIFIED CO.



62 Azad Nagar, Near Rampur Chowk;  
Behind Khalsa Tent House,  
Ambala Cantt, Haryana, 133001 India



## CONTACT DETAILS

✉ Info@eselinindia.com  
✉ Sharma\_electrical@yahoo.com  
✉ asinternational024@gmail.com  
+91 9416183370  
+91 9416493069, +91 9306996454  
International Business +91 7015448621

## WEBSITE



www.eselinternational.org  
www.esellab.com

also on trade.gov.in