



DC Regulated Power Supply

Nvis 725C



Thyristorized DC Regulated Power Supply

Features

- Over Current protection
- Field failure protection with indicating lamp
- Separate section for Fixed and Variable Supply
- Equipped with supply indication lamp.
- Easy to handle
- Online product tutorial
- Setup should include single user license software for Classroom and laboratory learning, teaching on Electrical Engineering basics including easy navigation, detailed theory, explanation of complex topics with animations and user interactive simulations

Nvis 725C DC Regulated Power Supply is an important device mainly used in electrical engineering laboratories for the purpose of conducting experiments in DC Machines and circuits. This unit provides Fixed and Variable DC output for continuous operation with an over current protection. Output voltage and current are continuously monitored on two front panel meters.

The main power assembly consists of a Thyristor Bridge Circuit which rectifies the incoming AC supply to produce a Fixed DC supply to the DC Machines. All the protection devices are inbuilt for protection purpose.

Technical Specifications

Thyristorized DC Regulated Power Supply

Input Mains	: 415VAC \pm 10%, 50Hz
Rated Output Voltage	: 220VDC (Fixed) \pm 5%,
Rated Output Current	: 50ADC
Regulation	: Less than 3% at full load condition.

Measuring Instruments

AC Voltmeter	: 1 No. (with voltage selector switch)
DC Ammeter	: 1 No.
DC Voltmeter	: 1 No.

Protection with its indicators

Overload Protection
Short Circuit Protection
Phase Sequence Indicator