

HY SERIES (DIGITAL SERIES)

Features:

- Digital stepping control for output voltage and current (except: HY3010M, HY3010MR, HY3020M, HY3020MR, HY5005M and HY5010M)
- Direct numerical key setting of output voltage and current (HY3010M, HY3010MR, HY3020M, HY3020MR, HY5005M and HY5010M only)
- Output value can be set precisely, no more floating
- Constant voltage and constant current
- Serial and parallel tracking function (dual/triple series only)
- Voltage and current dual display for each output
- Shining bright back light for LCD display
- Last setting memorizing after power off

General Technical Data

DUAL/TRIPLE SERIES

Mains voltage: 110/ 220VAC +/-10%, selectable
 Voltage display accuracy: LCD : 1.0%+2digits
 Current display accuracy: LCD : 2.0%+2digits
 Line regulation: CC<0.2%+1mA
 Source effect: CV<0.01%+1mV
 Load Regulation: CC<0.2%+5mA
 Load effects: CV<0.01%+5mV
 Fixed output <10mV
 Ripple & Noise: CV<0.5mVrms CC<3mArms
 Fixed output <10mV
 Fixed output: Accuracy: +/-2.5%



HY3002M-3 and dual/triple output digital power supplies (dual output power supplies are without fixed output)

Specifications

Model	Output Voltage	Output Current	Fixed Output	Display
HY3002M-2	0 - 30V x 2	0 - 2A x 2	None	LCD
HY3003M-2	0 - 30V x 2	0 - 3A x 2	None	LCD
HY3005M-2	0 - 30V x 2	0 - 5A x 2	None	LCD
HY3002M-3	0 - 30V x 2	0 - 2A x 2	5V/3A	LCD
HY3003M-3	0 - 30V x 2	0 - 3A x 2	5V/3A	LCD
HY3005M-3	0 - 30V x 2	0 - 5A x 2	5V/3A	LCD

General Technical Data

SINGLE OUTPUT SERIES

Mains voltage: 110/ 220VAC +/-10%, selectable
 Voltage display accuracy: LED: 1.0%+2digits
 Current display accuracy: LED: 2.0%+2digits
 Line regulation: CC<0.2%+1mA
 Source effect: CV<0.01%+1mV
 Load Regulation: CC<0.2%+5mA
 Load effects: CV<0.01%+5mV
 Ripple & Noise: CV<0.5mVrms CC<3mArms

Specifications

Model	Output Voltage	Output Current	Display
HY3002M	0 - 30V	0 - 2A	LED
HY3003M	0 - 30V	0 - 3A	LED
HY3005M	0 - 30V	0 - 5A	LED
HY5002M	0 - 50V	0 - 2A	LED
HY5003M	0 - 50V	0 - 3A	LED



HY3005M and single output digital power supplies

General Technical Data

SINGLE OUTPUT/HIGH POWER SERIES

Mains voltage: 110/ 220VAC +/-10%, selectable
 Voltage display accuracy: LED: 1.0%+2digits
 Current display accuracy: LED: 2.0%+2digits
 Line regulation: CC<0.5%+3mA
 Source effect: CV<0.01%+3mV
 Load Regulation: CC<0.5%+10mA
 Load effects: CV<0.01%+10mV
 Ripple & Noise: CV<0.5mVrms CC<10mArms

Specifications

Model	Output Voltage	Output Current	RS232 Interface	Display
HY3010M	0 - 30V	0 - 10A	None	LED
HY3010MR	0 - 30V	0 - 10A	Yes	LED
HY3020M	0 - 30V	0 - 20A	None	LED
HY3020MR	0 - 30V	0 - 20A	Yes	LED
HY5005M	0 - 50V	0 - 5A	None	LED
HY5010M	0 - 50V	0 - 10A	None	LED



HY3020M and single output high power digital power supplies