

HY SERIES (SINGLE OUTPUT)

Features:

- Constant voltage and constant current
- Voltage and current dual display
- Back light for LCD display models



General Technical Data

Mains voltage: 110/ 220VAC +/-10%, selectable

Voltage display accuracy: LCD and LED: 1.0% + 2digits

Analog meter: +/-2.5% full scale

Current display accuracy: LCD and LED: 2.0% + 2digits

Analog meter: +/-2.5% full scale

Line regulation: CC < 0.2% + 1mA

Source effect: CV < 0.01% + 1mV

Load Regulation: CC < 0.2% + 5mA

Load effects: CV < 0.01% + 5mV (50V: < 0.01% + 15mV)

Ripple & Noise: CV < 1.0mVrms CC < 3mArms

CV < 0.5mVrms (switching types)



*HY3003D and LCD series
single output power supplies*



*HY3003 and LED series
single output power supplies*

Specifications

Model	Output Voltage	Output Current	Display
HY3002	0 - 30V	0 - 2A	LED
HY3002D			LCD
HY3002C			Analog Meter
HY3003	0 - 30V	0 - 3A	LED
HY3003D			LCD
HY3003C			Analog Meter
HY3005	0 - 30V	0 - 5A	LED
HY3005D			LCD
HY3005C			Analog Meter
HY3006E*	0 - 30V	0 - 6A	LED
HY5002	0 - 50V	0 - 2A	LED
HY5003	0 - 50V	0 - 3A	LED
HY5005	0 - 50V	0 - 5A	LED
HY6002E*	0 - 60V	0 - 2A	LED
HY6003E*	0 - 60V	0 - 3A	LED

*Switching mode power supplies.

Notes: Switching mode power supplies have same tech spec as common linear HY series power supplies, but with much light weight, reducing the risks of damage during transportation and shipping costs. Following models are also available with switching mode types: HY3002/HY3003/HY3003D/HY3005/HY3005D/HY5002/HY5003/HY5005, For example: product code of switching mode power supply equivalent to HY3005 is HY3005E

DIVERSE
ELECTRONICS

1 (800) 381-7308 • (514) 388-7308
sales@diverseelectronics.com