

HY SERIES (DUAL & TRIPLE OUTPUT)

Features:

- Constant voltage and constant current
- Serial and parallel tracking function
- Voltage and current dual display for each output
- 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)
 Fixed output <10mV
 Ripple & Noise: CV<1.0mVrms CC<3mArms
 CV<0.5mVrms (switching types)
 Fixed output <10mV
 Fixed output: Accuracy: +/-2.5%



*HY3005D-3 and LCD series
 dual/triple output power supplies
 (dual output power supplies are without fixed output)*

Specifications

Model	Output Voltage	Output Current	Fixed Output	Display
HY3002-2				LED
HY3002D-2	0 - 30V x 2	0 - 2A x 2	None	LCD
HY3002S-2				Analog Meter
HY3002-3				LED
HY3002D-3	0 - 30V x 2	0 - 2A x 2	5V/3A	LCD
HY3002S-3				Analog Meter
HY3003-2				LED
HY3003D-2	0 - 30V x 2	0 - 3A x 2	None	LCD
HY3003S-2				Analog Meter
HY3003-3				LED
HY3003D-3	0 - 30V x 2	0 - 3A x 2	5V/3A	LCD
HY3003S-3				Analog Meter
HY3005-2				LED
HY3005D-2	0 - 30V x 2	0 - 5A x 2	None	LCD
HY3005S-2				Analog Meter
HY3005-3				LED
HY3005D-3	0 - 30V x 2	0 - 5A x 2	5V/3A	LCD
HY3005S-3				Analog Meter
HY5002-2	0 - 50V x 2	0 - 2A x 2	None	LED
HY5003-2	0 - 50V x 2	0 - 3A x 2	None	LED
HY3006E-2*	0 - 30V x 2	0 - 6A x 2	None	LED
HY3006E-3*	0 - 30V x 2	0 - 6A x 2	5V/3A	LED
HY5005E-2*	0 - 50V x 2	0 - 5A x 2	None	LED
HY6002E-2*	0 - 60V x 2	0 - 2A x 2	None	LED
HY6003E-2*	0 - 60V x 2	0 - 3A x 2	None	LED
HY3010E-2*	0 - 30V x 2	0 - 10A x 2	None	LED

*Switching mode power supplies.

Notes:

1) Switching mode power supplies have same tech spec as common linear HY series power supplies, but with much light weight and high efficiency, reducing the risks of damage during transportation and shipping costs.

Following models are also available with switching mode types:

HY3002-2/HY3002D-2/HY3002S-2/HY3002-3/HY3002D-3/HY3002S-3
 HY3003-2/HY3003D-2/HY3003S-2/HY3003-3/HY3003D-3/HY3003S-3
 HY3005-2/HY3005D-2/HY3005S-2/HY3005-3/HY3005D-3/HY3005S-3
 HY5002-2/HY5003-2

2) Product code of switching mode power supplies are with affix "E".

For example, product code of switching mode power supply equivalent to HY3003D-3 is HY3003DE-3.



*HY3005-3 and LED series
 dual/triple output power supplies
 (dual output power supplies are without fixed output)*



*HY3005S-3 and analog meter series
 dual/triple output power supplies
 (dual output power supplies are without fixed output)*