

Digital Single Output DC Power Supply

Lodestar model PS-303TD and PS-305TD are light and compact benchtop power supply with dual display and output range of 0 - 30V / 0 - 3A.



Model : PS-303TD, PS-305TD

Features:

- Coarse and fine controls for voltage and current.
- Continuously monitor output current and voltage on two large easy to read display.
- Overload and reverse polarity protection.
- CV / CC operation.
- Excellent regulation and low ripple characteristics.

<u>Model</u>	<u>PS - 303TD</u>	<u>PS - 305TD</u>
Adjustable Output Voltage (CV)	0 - 30V	0 - 30V
Adjustable Output Current (CC)	0 - 3A	0 - 5A
Voltage Line Regulation $\pm 10\%$	$\leq 0.01\% + 3\text{mV}$	$\leq 0.01\% + 3\text{mV}$
Voltage Load Regulation (no load to full load)	$\leq 0.01\% + 3\text{mV}$	$\leq 0.01\% + 3\text{mV}$
Ripple & Noise	$\leq 1\text{mVrms}$	$\leq 1\text{mVrms}$
Adjustable Current Range	5% to 100%	5% to 100%
Current Line Regulation $\pm 10\%$	$\leq 0.2\% + 3\text{mA}$	$\leq 0.2\% + 3\text{mA}$
Current Load Regulation	$\leq 0.2\% + 3\text{mA}$	$\leq 0.2\% + 3\text{mA}$
Display	2 x 3 digital LED display	2 x 3 digital LED display