

8301HD Regulated D.C. Power Supply



PRODUCT FEATURES

- Constant voltage and constant current modes
- 0.01% High Regulation
- 3-1/2 digits digital displays for both voltage and current outputs
- High stability and low noise voltage and current output characteristic
- Output shortage and reversed current feeding protections
- Automatic dual speed cooling fan design to reduce fan noise.
- CE marking
- Meet IEC 61010-1:2001

SPECIFICATIONS

MODEL NAME	8301HD
OUTPUT VOLTAGE	0~30V
OUTPUT CURRENT	0~10A
CONSTANT VOLTAGE	
Load Regulation	$\leq 0.01\% + 5mV$
Line Regulation	$\leq 0.01\% + 3mV$
Recovery Time	$\leq 50\mu s$ (50% to 100% Load Change)
Ripple & Noise	$\leq 1mV_{rms}$
Temp. Coefficient	$\leq 300ppm/^{\circ}C$
CONSTANT CURRENT	
Load Regulation	$\leq 0.06\% + 4mA$
Line Regulation	$\leq 0.06\% + 4mA$
Ripple & Noise	$\leq 3mArms$
INDICATOR METER	
Voltage Meter	Display Range
	30.0V
	Display Resolution
	100mV
	Display Accuracy
	$0.5\% + 2d$
Current Meter	Display Range
	10.00A
	Display Resolution
	10mA
	Display Accuracy
	$0.5\% + 2d$
Display Mode	3 1/2 Digits Red LED Display
POWER SOURCE	ACV 100/120/220/240V $\pm 10\%$, 60/50Hz
OPERATION TEMP. & HUMIDITY	5 $^{\circ}C$ to 40 $^{\circ}C$, <80%
STORAGE TEMP. & HUMIDITY	-10 $^{\circ}C$ to 70 $^{\circ}C$, <80%
DIMENSIONS	270(W) x 156(H) x 462(D) mm
WEIGHT	16kg
SAFETY & EMC	CE (include EMC & LVD)

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