

Topward 3303D

Topward 3303D 0-30V/0-3A Digital Power Supply

Description

Output Voltage continuously variable from 0 to 30 V

Output Current continuously variable from 0 to 3 A

Front panel coarse and fine voltage knobs, front panel current knob

Line and Load Regulation $\pm 0.01\% + 2\text{mV}$

Ripple & Noise $> 0.5\text{mVrms}$ at 100W, 1mVrms above 100W

Fast transient Response $< 100\mu\text{s}$ to within 0.1% of set voltage

Display Accuracy $0.1\% + 2$ digits

Overload Protection Automatic crossover from CV to CC mode



Performance Characteristics of the 3303D

Form Factor	Benchtop
No. of Outputs	1 o/p
Output 1 Max. power	90 Watts
Output 1/Range 1 Max. Current	3 A (0 V to 30 V)
Voltage Readback Accy Output1/Range1	0.1 %
Current Readback Accy Output1/Range1	0.1 %
Voltage Ripple and Noise	0.5 mV
Current Ripple and Noise	1 mA
Load Regulation, Voltage	2 mV
Load Regulation, Current	10 mA
Line Regulation, Voltage	2 mV
Line Regulation, Current	2 mA
Transient Response Time	100 us
Remote Sensing Measurement	No
Multiple Unit Combinations	Parallel, Series
Overvoltage Protection	Yes
Overcurrent Protection	Yes
Over-temperature Protection	No
Local Lockout	No
Self test	No