



0 - 30V / 2A, $\pm 15V$ / 1A Tracking, 5V/2A Multiple DC Power Supply

Nvis 7704

Technical Specifications

DC Output

A : 0-30 V, 2 A, continuously variable by means of Coarse and Fine controls

B : 5 V, 2 A adjustable from 4 V - 6 V

C:0 - ± 15 V, 1 A Dual Tracking adjustable

Current Limit

100 mA - 2 A continuously adjustable for (0-30 V & 5 V)

100 mA - 1 A continuously adjustable for (± 15 V)

Resolution

Voltage : 100 mV, Current : 10 mA

Internal Resistance

≤ 15 m Ω

Stability

2.5 mV at (30 V / 2A, 5 V / 2 A, ± 15 V / 1 A)

Recovery Time

≤ 50 μ s

Load Regulation

$\pm (0.05 \% + 100$ mV)

Line Regulation

$\pm (0.05 \% + 100$ mV)

Temp. Coefficient

$\pm (0.05 \% + 5$ mV / $^{\circ}$ C)

Ripple & Noise

≤ 1 mVrms

Display

3 digit for voltage & 3 digit for current LED indication for voltage & current

Accuracy

$\pm (1\% + 1$ digit)

Tracking Error

$\pm (0.1\% + 5$ mV) for ± 15 V

Over Range Indication

Glowing 'ORA' or 'ORB', 'ORC+' or 'ORC-' LEDs indicate Overload

All outputs are floating.

Built-in overheat, Over voltage & Short Circuit protections

Insulation

Between Chassis & output terminals > 10 M Ω at 100 V DC

Between Chassis & AC plug > 50 M Ω at 500 V DC

Power Supply : 230 VAC



* Image is for illustrative purpose and subject to change

Designed & Manufactured in India by

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