

DP Series Power Supply Units

digimess® concept



S J ELECTRONICS
POWER • TEST & MEASUREMENT

CE



0800 583 44 55

Tel: +44 1536 416 200

Fax: 0800 583 55 66

sales@sjelectronics.co.uk

www.sjelectronics.co.uk

The **digimess®** DP series is a comprehensive range of digitally programmable precision linear power supply units containing single and triple output versions. All models can operate in either constant voltage or constant current modes and feature separate 4 digit LED displays for both voltage and current. Parameters are set by push button controls and multiple output settings can be stored and recalled, output on/off switches are also included. The triple output types also include external switching for independent, tracking, series and parallel modes of operation. All units are supplied with mains leads and operating manuals.

Specification				
Model No	DP3005	DP5003	DP3005-3	DP5003-3
Order No	HUC44-01	HUC44-02	HUC44-03	HUC44-04
No of outputs	Single	Single	Triple	Triple
No of stored o/p's	3	3	6	6
Output voltage	0-30V	0-50V	2 x 0-30V, 5V	2 x 0-50V, 5V
Output current	0-5A	0-3A	2 x 0-5A, 3A	2 x 0-3A, 3A
Resolution	V : 10mV, I : 10mA	V : 10mV, I : 10mA	V : 10mV, I : 10mA	V : 10mV, I : 10mA
Line regulation	CV <5mV, CC <5mA	CV <5mV, CC <5mA	CV < 5mV, CC <5mA	CV < 5mV, CC <5mA
Load regulation	CV <5mV, CC <5mA	CV <5mV, CC <5mA	CV < 5mV, CC <5mA	CV < 5mV, CC <5mA
Ripple & noise	CV <1mVrms CC <3mArms	CV <1mVrms CC <3mArms	CV <1mVrms CC <3mArms	CV <1mVrms CC <3mArms
Display accuracy	V : 0.1% + 2 dig I : 0.5% + 3 dig	V : 0.1% + 2 dig I : 0.5% + 3 dig	V : 0.1% + 2 dig I : 0.5% + 3 dig	V : 0.1% + 2 dig I : 0.5% + 3 dig
Input voltage	110/220V +/- 10% AC (external selector switch)			
Dimensions	132 x 160 x 270mm	132 x 160 x 270mm	260 x 160 x 370mm	260 x 160 x 370mm
Weight	6.3kg	6.3kg	12.5kg	12.5kg