

DP Series Power Supply Units

digimess® concept

CE



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 <3mA rms | CV <1mVrms CC <3mA rms | CV <1mVrms CC <3mA rms | CV <1mVrms CC <3mA rms |
| 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 |