HY Series Power Supply Units

digimess® concept

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The ***digimess***® HY series is a comprehensive range of low cost general purpose linear power supply units containing single, dual and triple output models. All models can operate in either constant voltage or constant current modes and feature large red LED displays for ease of viewing.
The dual and 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	HY3003	HY3003-2	HY3003-3	HY3010	HY3020
Order No	HUC42-01	HUC42-02	HUC42-03	HUC42-04	HUC42-05
No of outputs	Single	Dual	Triple	Single	Single
Output voltage	0-30V	2 x 0-30V	2 x 0-30V, 5V	0-30V	0-30V
Output current	0-3A	2 x 0-3A	2 x 0-3A, 3A	0-10A	0-20A
Line regulation	<0.02% + 1mV	<0.02% + 1mV	<0.02% + 1mV	<0.02% + 3mV	<0.02% + 3mV
Load regulation	<0.01% + 5mV	<0.01% + 5mV	<0.01% + 5mV	<0.02% + 10mV	<0.02% + 25mV
Ripple & noise	<1mVrms	<1mVrms	<1mVrms	<3mVrms	<3mVrms
Display	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 1.5% + 2 dig	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 1.5% + 2 dig	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 1.5% + 2 dig	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 1.5% + 2 dig	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 1.5% + 2 dig
Input voltage	110/220V +/- 10% AC				
Dimensions	291 x 158 x 136mm	365 x 265 x 164mm	365 x 265 x 164mm	365 x 265 x 164mm	365 x 265 x 164mm
Weight	4kg	10kg	11kg	10kg	20kg