

SM Series Power Supply Units

digimess® concept

CE



The **digimess®** SM series is a range of general purpose switch mode power supply units featuring high output currents and voltages. All models can operate in either constant voltage or constant current modes and feature large red LED displays for ease of viewing. The switch mode design results in small and light weight units compared to their linear equivalents. All units are supplied with mains leads and operating manuals.

Specification			
Model No	SM5020	SM3040	SM10010
Order No	HUC43-01	HUC43-02	HUC43-03
No of outputs	Single	Single	Single
Output voltage	0-50V	0-30V	0-100V
Output current	0-20A	0-40A	0-10A
Line regulation	<0.02% + 3mV	<0.02% + 3mV	<0.02% + 3mV
Load regulation	<0.02% + 10mV (at I <6A) <0.1% + 5mV (at I >6A)	<0.02% + 10mV (at I <6A) <0.1% + 5mV (at I >6A)	<0.02% + 10mV (at I <6A) <0.1% + 5mV (at I >6A)
Ripple & noise	<3mVrms	<3mVrms	<10mVrms
Display	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 2.0% + 2 dig	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 2.0% + 2 dig	2 x 3.5 digit LED Accuracy : V - 1.0% + 2 dig I - 2.0% + 2 dig
Input voltage	110/220V +/- 10% AC (external selector switch)		
Dimensions	365 x 265 x 164mm	365 x 265 x 164mm	365 x 265 x 164mm
Weight	7kg	7kg	7kg

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