

# 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			
<b>Model No</b>	SM5020	SM3040	SM10010
<b>Order No</b>	HUC43-01	HUC43-02	HUC43-03
<b>No of outputs</b>	Single	Single	Single
<b>Output voltage</b>	0-50V	0-30V	0-100V
<b>Output current</b>	0-20A	0-40A	0-10A
<b>Line regulation</b>	<0.02% + 3mV	<0.02% + 3mV	<0.02% + 3mV
<b>Load regulation</b>	<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)
<b>Ripple &amp; noise</b>	<3mVrms	<3mVrms	<10mVrms
<b>Display</b>	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
<b>Input voltage</b>	110/220V +/- 10% AC (external selector switch)		
<b>Dimensions</b>	365 x 265 x 164mm	365 x 265 x 164mm	365 x 265 x 164mm
<b>Weight</b>	7kg	7kg	7kg