

# HV Series Power Supply Units

**digimess®** concept

**CE**



The **digimess®** HV series is a range of general purpose switch mode power supply units featuring high output voltages. All models can operate in either constant voltage or constant current modes and feature short circuit protection. Large red LED displays for both voltage and current are included, along with fully shrouded 4mm safety sockets. 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.

<b>Specification</b>			
<b>Model No</b>	HV10001	HV20001	HV30001
<b>Order No</b>	HUC46-01	HUC46-02	HUC46-03
<b>No of outputs</b>	Single	Single	Single
<b>Output voltage</b>	0-100V	0-200V	0-300V
<b>Output current</b>	0-1A	0-1A	0-1A
<b>Line regulation</b>	CV < 0.02% + 3mV CC < 0.5% + 3mA	CV < 0.02% + 3mV CC < 0.5% + 3mA	CV < 0.02% + 3mV CC < 0.5% + 3mA
<b>Load regulation</b>	CV < 0.01% + 5mV CC < 0.2% + 5mA	CV < 0.02% + 10mV CC < 0.5% + 5mA	CV < 0.02% + 10mV CC < 0.5% + 5mA
<b>Ripple &amp; noise</b>	CV < 10mV rms CC < 60mA rms	CV < 10mV rms CC < 60mA rms	CV < 10mV rms CC < 60mA rms
<b>Display</b>	2 x 3.5 digit LED Accuracy : V- 1.0% + 2 digits I- 2.0% + 2 digits	2 x 3.5 digit LED Accuracy : V- 1.0% + 2 digits I- 2.0% + 2 digits	2 x 3.5 digit LED Accuracy : V- 1.0% + 2 digits I- 2.0% + 2 digits
<b>Input voltage</b>	110/220V +/- 10% AC (external selector switch)		
<b>Dimensions</b>	291 x 158 x 136mm	365 x 265 x 164mm	365 x 265 x 164mm
<b>Weight</b>	4kg	7kg	7kg

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