

VPS Variable Power Supply Module

Logic Supply

Low voltage output for digital circuits

<i>Voltage</i>	2.5V to 6V programmable
<i>Resolution</i>	0.01V
<i>Over voltage</i>	3V to 7V programmable threshold
<i>Resolution</i>	0.1V
<i>Current</i>	5A
<i>Short circuit current</i>	7A
<i>Short circuit duration</i>	indefinite (auto recovery)
<i>Load regulation</i>	0.5% (20% to 80% load change)
<i>Ripple voltage</i>	80mV pk-pk max



Variable Positive Supply

Positive voltage output for analogue circuits

<i>Voltage</i>	0 to +24V programmable
<i>Resolution</i>	0.01V
<i>Current</i>	1.5A max
<i>Over current limit</i>	50mA to 1.5A programmable threshold
<i>Short circuit current</i>	1.5A
<i>Short circuit duration</i>	indefinite (auto recovery)
<i>Load regulation</i>	0.1% (20% to 80% load change)
<i>Ripple voltage</i>	50mV pk-pk max

Variable Negative Supply

Negative voltage output for analogue circuits

<i>Voltage</i>	0 to -24V programmable
<i>Resolution</i>	0.01V
<i>Current</i>	1.5A max
<i>Over current limit</i>	50mA to 1.5A programmable threshold
<i>Short circuit current</i>	1.5A
<i>Short circuit duration</i>	indefinite (auto recovery)
<i>Load regulation</i>	0.1% (20% to 80% load change)
<i>Ripple voltage</i>	50mV pk-pk max

Physical data

<i>Weight</i>	5kg
<i>Size</i>	295 x 247 x 65mm
<i>Power rating</i>	150W max
<i>Connectors and cables</i>	power cable, parallel interface cable, logic and ground cables, +V and -V cables

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