

# Encoder Controlled Single Channel Adjustable DC Power Supply



**Specifications Table**

Characteristics		
Channels		Single Channel Adjustable
AC Input Voltage		230V $\pm 10\%$ / 50Hz, 110V, 220V $\pm 10\%$ / 60Hz
Output Voltage Range		0 - 30V
Output Current Range		0 - 3A
Load Regulation	Voltage	$\leq 0.01\% + 2\text{mV}$
	Current	$\leq 0.1\% + 5\text{mA}$
Line Regulation	Voltage	$\leq 0.01\% + 3\text{mV}$
	Current	$\leq 0.1\% + 3\text{mA}$
Setup Resolution	Voltage	10mV
	Current	1mA
Setup Accuracy (25°C $\pm 5^\circ\text{C}$ )	Voltage	$\leq 0.5\% + 20\text{mV}$
	Current	$\leq 0.5\% + 5\text{mA}$
Ripple (20Hz - 20MHz)	Voltage	$\leq 1\text{m Vrms}$
	Current	$\leq 3\text{m Arms}$
Temperature Coefficient	Voltage	$\leq 150\text{ppm} + 10\text{mV}$
	Current	$\leq 150\text{ppm} + 5\text{mA}$
Read Back Accuracy	Voltage	10mV
	Current	1mA
Read Back Temperature Coefficient	Voltage	$\leq 150\text{ppm} + 10\text{mV}$
	Current	$\leq 150\text{ppm} + 5\text{mA}$
Reaction Time (10% Rated load)	Voltage Rise	$\leq 100\text{ms}$
	Current Drop	$\leq 100\text{ms}$
Accessories		User manual
		Power cord UK plug + EU plug, Diameter: 0.75mm <sup>2</sup> $\times$ 3, length: 1.2m
Weight		3.6kg
Dimension (W x H x D)		110mm $\times$ 156mm $\times$ 260mm

**Part Number Table**

Description	Part Number
Encoder Controlled Single Channel DC Power Supply, Adjustable, 90W	72-2685

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