

Triple Channel Programmable DC Power Supply



Features

- Complete programmable
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- 5 sets of parameters can be stored and recalled
- Industrial grade, with load for a long time
- Interfaces USB and RS232

Specifications Table

Performance		72-2645
Channels		Dual Channel Adjustable, One Channel Fixed
AC Input Voltage		230V, 50/60Hz
Output Voltage Range		0-30V
Output Current Range		5A × 2, 3A × 1
Load Regulation	Voltage	≤0.01% + 2mV
	Current	≤0.02%+5mA
Line Regulation	Voltage	≤0.01%+3mV
	Current	≤0.01%+3mA
Setup Resolution	Voltage	10mV
	Current	1mA
Setup Accuracy (25°C ±5°C)	Voltage	≤0.5% + 20mV
	Current	≤0.5%+15mA
Ripple (20Hz - 20MHz)	Voltage	≤1.5mVrms
	Current	≤3mArms
Temperature Coefficient	Voltage	≤0.1%+10mV
	Current	≤0.1%+5mA

Newark.com/exclusive-brands
 Farnell.com/exclusive-brands
 Element14.com/exclusive-brands



Triple Channel Programmable DC Power Supply



Performance		72-2645
Read Back Accuracy	Voltage	10mV
	Current	1mA
Read Back Temperature Coefficient	Voltage	≤100ppm+10mV
	Current	≤100ppm + 5mA
Reaction Time (10% Rated load)	Voltage Rise	≤100mS
	Current Drop	≤100mS (10% Rated load)
Operation Environment		Indoor use Altitude: ≤2000m Ambient temperature 0 to 40°C Relative humidity ≤80%
Interfaces		RS-232, USB
Accessories		User Manual, 1x UK power cord and 1x Euro power cord (1.2m), USB cord (1.2M), software CD
Weight		9.4 kg
Dimension (W × H × D)		380mm × 250mm × 145mm
Storage Environment		Ambient Temperature: -10°C to +70°C Relative Humidity: ≤ 70%

Part Number Table

Description	Part Number
Triple Channel DC Power Supply, Programmable, 315W	72-2645

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. TENMA is the registered trademark of Premier Farnell Limited 2019.

Newark.com/exclusive-brands
Farnell.com/exclusive-brands
Element14.com/exclusive-brands

