

# Programmable DC Power Supply **multicomp** PRO



## Features

- 0-30V, 0-30A, 300W, wide range voltage and current for the users to choose
- 1mV/1mA high accuracy resolution programmable DC power supply
- Multiple communication rates
- Compact size, high power ratio
- Low ripple and noise, linear output
- No internal relay switch, no replay noise
- Full-scale output without shifting gears and uninterrupted output
- Short circuit test environment, such as a high-current contact life test
- Convenient fast recall
- Current, voltage, and temperature protections
- Adjustable voltage rise slope
- Providing Labview and C++ driver and communication examples
- Interfaces: USB, RS232 and LAN

## Performance

Input Voltage	230V
Input Rating	Power: 300W / Voltage:0-30V / Current: 0-30A
<b>Load Regulation</b>	
Voltage	$\leq 0.01\% + 1\text{mV}$
Current	$\leq 0.1\% + 3\text{mA}$
<b>Line Regulation</b>	
Voltage	$\leq 0.01\% + 3\text{mV}$
Current	$\leq 0.1\% + 3\text{mA}$
<b>Setup Resolution</b>	
Voltage	1mV
Current	1mA
<b>Read back Resolution</b>	
Voltage	1mV
Current	1mA
<b>Setup Accuracy (25°C <math>\pm 5^\circ\text{C}</math>)</b>	
Voltage	$\leq 0.5\% + 3\text{mV}$
Current	$\leq 0.5\% + 3\text{mA}$
<b>Ripple (20-20M)</b>	
Voltage	$\leq 1\text{mVrms} + 0.03\%$ of current output
Current	$\leq 5\text{mArms}$
<b>Voltage Rise Time</b>	
Voltage	$\leq 50\text{ms}$
Current	$\leq 50\text{ms}$

# Programmable DC Power Supply **multicomp** PRO

Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Read Back Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Weight and Dimension (WxDxH)	2.2kgs and 87mm x 175mm x 290mm
Interfaces	USB, RS232 and LAN
Accessories	User Manual, 1xUK Plug, 1xEURO Plug, Software CD and USB Cable

## Part Number Table

Description	Part Number
Programmable DC Power Supply, 300W	72-13350

**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. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp** PRO