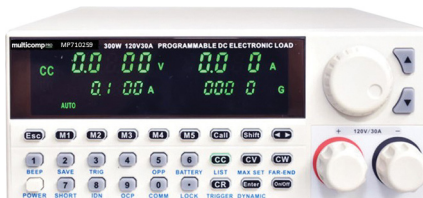


RoHS  
Compliant



## Description

This single-channel programmable DC electronic loads, are designed for middle and high end applications. These DC electronic loads are versatile instruments for static and dynamic testing of power supplies, batteries, DC – DC Converters, and battery chargers.

## Features

- 0V to 120V, 0A to 30A, 150W
- Dynamic mode: up to 10KHz
- Resolution of voltage and current: 0.1mV/0.1mA
- 4 working modes: CV/CC/CR/CW
- Remote sensing function
- Interfaces: USB, RS232 & LAN
- Battery test, automatic test, OPP test, OCP test functions
- 100 sets of storage
- Short circuit function
- Current monitoring function
- Power off memory function

## Specifications

Part Number	MP710258 US	MP710259 US
Input Rating Power	150W / Voltage:0V to120V / Current: 0A to 30A	300W / Voltage:0V to 120V / Current: 0A to 30A
CC Mode	Range: 0A to 3A / 0A to 30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$	Range: 0A to 3A / 0A to 30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
CV Mode	Range: 0V to 18V / 0V to 120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.05\% + 0.025\% \text{ FS})$	Range: 0V to 18V / 0V to 120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.05\% + 0.025\% \text{ FS})$
CR Mode	Range: 0.05 $\Omega$ to 7.5K $\Omega$ Resolution: 16 bit Accuracy: 0.015%+0.1S	Range: 0.05 $\Omega$ to 7.5K $\Omega$ Resolution: Accuracy: 0.015%+0.1S
CW Mode	Range: 150W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$	Range: 300W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$

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sg.element14.com/b/multicomp-pro

Slope	Range 0A to 3A / 0A to 30A Rising: 0.0001 to 0.15A/us / 0.001 to 1.5A/us Falling: 0.0001 to 0.15A/us / 0.001 to 1.5A/us	Range 0A to 3A / 0A to 30A Rising: 0.0001 to 0.15A/us / 0.001 to 1.5A/us Falling: 0.0001 to 0.15A/us / 0.001 to 1.5A/us
Voltage Measurement	Range: 0V to 18V / 0V to 120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.025\% + 0.025\% \text{ FS})$	Range: 0V to 18V / 0V to 120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.025\% + 0.025\% \text{ FS})$
Current Measurement	Range: 0A to 3A / 0A to 30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$	Range: 0A to 3A / 0A to 30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
Power Measurement	Range 150W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$	Range 300W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$
Over Power Protection	160W	320W
Over Current Protection	3.3A/33A	3.3A / 33A
Over Voltage Protection	125V	125V
Over Temperature Protection	85°C	85°C
Input Impedance	150K $\Omega$	150K $\Omega$
Interfaces	USB, RS232 & LAN	USB, RS232 & LAN
Weight and Dimension	11.4lbs (5.17 kg) / 4.26" x 8.5" x 15.2" (107mm 215mm 386mm)	11.4lbs (5.17 kg) / 4.26" x 8.5" x 15.2" (107mm 215mm 386mm)
Input Supply Voltage	120V AC, 60Hz	120V AC, 60Hz
Accessories	User manual	
	US power cord	Dia.: 0.75mm <sup>2</sup> x 3; Length: 1.2m
	USB cable	USB cable length 1.5m, USB2, AM to BM
	RS232 cable	RS232 cable length 1.5m
	30A test lead	30A test lead diameter 5.28mm <sup>2</sup> , length 1.2m, 6mm U-shaped insert

**Warranty : 03 years**

## Part Number Table

Description	Part Number
DC Electronic Load, 150W, 0V to 120V, 0A to 30A	MP710258 US
DC Electronic Load, 300W, 0V to 120V, 0A to 30A	MP710259 US

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