

Programmable DC Electronic Loads multicomp^{PRO}

RoHS
Compliant



Description

These intelligent programmable DC single-channel electronic loads, are suitable for middle, low-power and high-power applications. It uses a liquid crystal LCD panel display interface and an embedded spreadsheet, which is very simple operations and a clear man-machine interface.

Features

- Dynamic mode: up to 10kHz
- Resolution of voltage and current: 0.1mV/0.1mA
- Waveform display function of voltage and current
- U disk storage of waveform data
- Interface: LAN, USB and RS232
- Four working modes: CV/CC/CR/CP
- Remote sensing function
- Battery test, automatic test, OPP test, OCP test functions
- Storage for 100 sets
- Short-circuit function
- Current monitoring function
- Power off memory function
- With rotary coding switch to make an easy operation

Specification

Model		MP710771		MP710772		MP710773		MP710778	
Input Rating	POWER	300W		500W		1000W		1500W	
	Voltage	0-150V							
	Current	0-40A							
CC Mode	Range	0-3A	0-40A	0-3A	0-40A	0-3A	0-40A	0-3A	0-40A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	±(0.05%of set+0.045%off.s)							
CV Mode	Range	0-18V	0-150V	0-18V	0-150V	0-18V	0-150V	0-50V	0-150V
	Resolution	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV
	Accuracy	±(0.05%of set+0.025%off.s)							
CR Mode	Range	0.05Ω-10Ω	10Ω-7.5KΩ	0.05Ω-10Ω	10Ω-7.5KΩ	0.05Ω-10Ω	10Ω-7.5KΩ	0.05Ω-10Ω	10Ω-7.5KΩ
	Resolution	16 bit							
	Accuracy	±(0.05%of set+0.025%off.s)							

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

multicomp^{PRO}

Programmable DC Electronic Loads **multicomp**PRO

Model		MP710771		MP710772		MP710773		MP710778	
CW Mode	Range	300W		500W		1000W		1500W	
	Resolution	0.01W							
	Accuracy	±(0.1%of set+0.1%off.s)							
Slope	Range	0-3A	0-40A	0-3A	0-40A	0-3A	0-60A	0-3A	0-60A
	Rising	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-2A/us	0.0001-0.3A/us	0.001-2A/us
	Falling	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-2A/us	0.0001-0.3A/us	0.001-2A/us
Voltage measurement	Range	0-18V	0-150V	0-18V	0-150V	0-18V	0-150V	0-18V	0-150V
	Resolution	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV
	Accuracy	±(0.03%of set+0.025%off.s)							
Current measurement	Range	0-3A	0-40A	0-3A	0-40A	0-3A	0-60A	0-3A	0-60A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	±(0.05%of set+0.045%off.s)							
Power measurement	Range	300W		500W		1000W		1500W	
	Resolution	0.01W							
	Accuracy	±(0.1%of set+0.1%off.s)							
Over power protection		320W		520W		1020W		1550W	
Over current protection		42A				62A			
Over voltage protection		155V							
Over temperature protection		85°C							
Input impedance		150KΩ							
Dimension (W × D × H)		215mm × 388mm × 15.5mm				430mm × 388mm × 150.5mm			
Standard Warranty		03 years							
Accessories	User manual								
	Power cord	UK plug + EU plug, Diameter: 0.75mm² × 3, length: 1.2m							
	USB cable	USB cable length 1.5m, USB2, AM to BM							
	RS232 cable	RS232 cable length 1.5m							
	10A test lead	10A test lead diameter 1.5mm², length 0.9m, banana connector 4mm, alligator clip 35mm							
	30A test lead	30A test lead diameter 5.28mm², length 1.2m, 6mm U-shaped insert							

Part Number Table

Description	Part Number
Programmable DC Electronic Load, 300W	MP710771
Programmable DC Electronic Load, 500W	MP710772
Programmable DC Electronic Load, 1000W	MP710773
Programmable DC Electronic Load, 1500W	MP710778

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