

MP710258

RoHS
Compliant



Input Voltage: 110V/220V

Main Features:

- 0-120V, 0-30A, 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
- Battery test, automatic test, OPP test, OCP test functions
- 100 sets of storage
- Short circuit function
- Current monitoring function
- Power off memory function
- Interfaces: USB, RS232 & LAN

Specifications:

Model	MP710258
Input Rating	Power: 150W / Voltage:0-120V / Current: 0-30A
CC Mode	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
CV Mode	Range: 0-18V / 0-120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.05\% + 0.025\% \text{ FS})$
CR Mode	Range: 0.05 Ω -7.5K Ω Resolution: 16 bit Accuracy: $\pm(0.015\% + 0.1\% \text{ FS})$
CW Mode	Range: 150W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$
Slope	Range: 0-3A / 0-30A Rising: 0.0001-0.15A/us / 0.001-1.5A/us Falling: 0.0001-0.15A/us / 0.001-1.5A/us
Voltage Measurement	Range: 0-18V / 0-120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.025\% + 0.025\% \text{ FS})$
Current Measurement	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
Power Measurement	Range: 150W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$
Over Power Protection	160W
Over Current Protection	3.3A/33A
Over Voltage Protection	125V
Over Temperature Protection	85°C
Input Impedance	150K Ω
Interfaces	USB, RS232 & LAN
Weight and Dimension(W*D*H)	5.17 KGS / 107mm*215mm*386mm

MP710259



Input Voltage: 110V/220V

Main Features:

- 0-120V, 0-30A, 300W
- Dynamic mode: up to 10KHZ
- Resolution of voltage and current: 0.1mV/0.1mA
- 4 working modes: CV/CC/CR/CW
- Remote sensing function
- Battery test, automatic test, OPP test, OCP test functions
- 100 sets of storage
- Short circuit function
- Current monitoring function
- Power off memory function
- Interfaces: USB, RS232 & LAN

Specifications:

Model	MP710259
Input Rating	Power: 300W / Voltage:0-120V / Current: 0-30A
CC Mode	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
CV Mode	Range: 0-18V / 0-120V Resolution: Accuracy: $\pm(0.05\% + 0.025\% \text{ FS})$
CR Mode	Range: 0.05 Ω -7.5K Ω Resolution: 16 bit Accuracy: $\pm(0.015\% + 0.1\% \text{ FS})$
CW Mode	Range: 300W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$
Slope	Range: 0-3A / 0-30A Rising: 0.0001-0.15A/us / 0.001-1.5A/us Falling: 0.0001-0.15A/us / 0.001-1.5A/us
Voltage Measurement	Range: 0-18V / 0-120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.025\% + 0.025\% \text{ FS})$
Current Measurement	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.05\% \text{ FS})$
Power Measurement	Range: 300W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% \text{ FS})$
Over Power Protection	320W
Over Current Protection	3.3A/33A
Over Voltage Protection	125V
Over Temperature Protection	85°C
Input Impedance	150K Ω
Interfaces	USB, RS232 & LAN
Weight and Dimension(W*D*H)	5.17 KGS / 107mm*215mm*386mm

Part Number Table

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

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.