



ARRAY ELECTRONIC CO.,LTD.

3715A

Programmable DC Electronic Load

- 4 basic operating modes: Constant Current, Constant Voltage, Constant Resistance, Constant Power
- Minimum operating voltage is less than 2V at the load's full rated current and zero voltage testing accessories are optional
- Perfect protection assures high reliability in the most complicated test environment
- Multiple groups of parameters and test sequences can be saved and recalled
- Ruggedized structure, small size and convenient operation
- Supports SCPI (Standard Commands for Programmable Instruments) and provides PC software
- An external switching signal is realizable and it is suitable for flow line production



3715A Specifications

(The instrument should be warmed for 30 minutes in advance. And its performance is warranted in an temperature range of 25°C ± 5°C .)

Model	3715A
Current Voltage Power	0~30A 0~360V 200W at 40°C
Minimum Operation Voltage @ Full Scale Current	2V
Current Range Resolution (Accuracy)	1 mA(0~3A) ±0.2%±5mA 10 mA(0~30A)±0.2%±30mA
Voltage Range Resolution(Accuracy)	0~360V 1 mV(0~3.6A) ±0.2%±3mV 10 mV (0~36A) ±0.2%±30mV 100 mV(0~360A) ±0.2%±300mV
Resistance Range Resolution Accuracy@ V>8V	0~2000Ω 0.001Ω 0.3%+0.002Ω
Power Range Resolution @P<100W @P≥100W Accuracy	0~200W 1mW 10mW 0.2%+600mW
Step Time Resolution Accuracy	500ms~99999s 500ms 0.2%+500ms
Step Number	1~9步
Cycle	1~255
Store Capacity	4组
Protection Features	OV, OC, OT, OP, RV
Current(rms/p-p) Voltage(rms)	3mA/30mA 5mV
Temperature Relative Humidity	0~40°C ≤85°C
Remote Interface	RS232
Programing Language	SCPI
Voltage Frequency	AC110V or AC220V±15% 48 to 63Hz
Net Weight	5kg

The maximum continuous power available is derated linearly from 100% of the maximum at 40°C, to 75% of the maximum at 50 °C.

Dimensions:

