

Programmable Electronic DC Load VE0173A / VE1173A



Brief Introduction

VE0173A/VE1173A Programmable Electronic DC Load is a single input electronic DC load. It provides a convenient way to test batteries and DC power supplies. It offers constant current mode, constant resistance mode and constant power mode. The backlight LCD, numerical keypad and rotary knob make it much easier to use. Up to 10 steps program can be stored. It can also be controlled by PC. It is an essential instrument for design, test and manufacture of many suitable products. Load can be increased or decreased manually in step of 1A / 100mA / 10mA / 1mA or 0.1W / 1W / 10W or 0.1 Ohm / 1 Ohm / 10 Ohm / 100 Ohm.

Main Functions

- LCD display with backlight
- High resolution measurement
- Constant Current / Constant Power / Constant Resistance mode
- Number keypad and rotary knob
- Over voltage / over current / over power / over temperature / polarity reversion protection
- 10 steps program
- Can be controlled by PC
- Can be connected in parallel

Specifications

Type	VE0173A	VE1173A
Input Channels	1	1
Input Voltage (Max.)	360 V DC	360 V DC
Input Power (Max.)	150 W	300 W
Input Current (Max.)	30 A	30 A
Voltage Accuracy	0 ~ 3.999 : (0.2% + 3mV); 4 ~ 35.999:(0.2% + 30mV); 36 ~ 360:(0.2% + 300mV)	
Current Accuracy (A)	0 ~ 2.999 : (0.2% + 3mA); 3 ~ 30 (0.2% + 30mA))	
Minimum Resolution	Voltage 1mV ; Current 1mA	
Minimum Conductive Resistance	<0.08 Ohm	
Ripple	<10mVpp	
Communication	RS232 / RS485	
Programme Memory	10 Programme EEPROM	
Protective Mode	Over Voltage / Over Current / Over Power / Polarity Reversing Connection	
AC Input	110V/220V AC +/-15%, 47~63Hz	
Weight	5KG	
Accessories	User Manual , AC Power Cable	
Optional Accessories	RS232 adapter, User Friendly Software	