

# Programmable Electronics DC Load

## VE0273A / VE1273A / VE2273A / VE3273A



Pioneer In Test Automation



### Brief Introduction :

VE0273A , VE1273A , VE2273A and VE3273A Programmable Electronic DC Load, 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 Voltage mode, constant current mode, constant resistance mode and constant power mode. The back light LCD, numerical keypad and rotary knob make it much easier to use. It is an essential instrument for design, test and manufacture of many suitable products. Load can be increased or decreased manually in step of 1V / 100mV / 10mV / 1mV or 1A / 100mA / 10mA / 1mA or 0.1W / 1W / 10W or 0.1 Ohm / 1 Ohm / 10 Ohm / 100 Ohm.

### Main Functions :

- ✎ Operation Modes : Constant Current ; Constant Voltage ; Constant Resistance ; Constant Power.
- ✎ High-Speed Sequence ; High-Speed Transient ; Short-Circuit ; Battery Discharge and other.
- ✎ Minimum Operating voltage can go up to 0.6V at full rated current.
- ✎ Programmable Current Slew Rate.
- ✎ Programmable Battery Discharge.
- ✎ Perfect Protection and High reliable in them most complicated test environment.
- ✎ Multiple groups of parameters and sequences can be saved and recalled.

### Multifunction :

- ✎ Equipped with four basic test functions: CC, CV, CR, CP;
- ✎ High-speed transient operation with separate high / low lever time and rising / falling time control.
- ✎ Powerful sequential test function, with a minimum step time of 10us and a maximum step time of 10000s. Cyclic numbers can be adjusted freely and a sequence can be chained to another sequence to achieve even more complex test procedures.
- ✎ Providing short-circuit test, battery discharge test and other auxiliary functions;
- ✎ Remote input terminal and external trigger input terminals are provided. The remote measurement can monitor the input signal automatically, and it is not necessary to change wiring or modify settings during operation.
- ✎ 10 groups of setup parameters can be saved, and providing automatic uploading of preset parameters.

### Specification :

Type	VE0273A	VE1273A	VE2273A	VE3273A
Input Voltage (Max.)	0 ~ 80V	0 ~ 80V	0 ~ 200V	0 ~ 200V
Input Power (Max.)	250W	400W	200W	350W
Input Current (Max.)	0 ~ 30A	0 ~ 40A	0 ~ 20A	0 ~ 30A
Voltage Accuracy	±0.1%±8mV			
Current Accuracy (Lower Range)	±0.05%±4mA			
Current Accuracy (Higher Range)	±0.05%±8mA			
Minimum Resolution	1mV / 1mA / 1m Ohm / 1mW			
Protective Mode	Over Voltage / Over Current / Over Power / Polarity Reverse Connection			
AC Input (Mains)	110V / 230 V AC ; 47~63 HZ			
Weight	6 KG			

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