

Programmable DC Power Supply

VE4463A / VE5463A / 6463A

VASAVI

Pioneer In Test Automation



Brief Introduction :

VE4463A / VE5463A / VE6463A Power Supply is a high performance single-output programmable DC power source. It is easy to control from the front panel, or via the serial port by the computer. Up to 10 settings can be stored for later recall. The low noise, excellent regulation, and built-in voltmeter/ammeter make this reliable power supply well suited for the exact needs of design, education, test and manufacture.

Main Functions :

- ✍ LCD display with backlight
- ✍ Number keypad and rotary knob
- ✍ Constant voltage & constant current mode
- ✍ Low output ripple & noise
- ✍ Output on/off
- ✍ Multifunction menu
- ✍ Maximum output voltage/power limitation
- ✍ High program resolution
- ✍ Over temperature/over current/over power protection
- ✍ 10 parameters storage
- ✍ Can be controlled by PC
- ✍ Can be connected in series and parallel to expand output voltage and current

Specification :

	VE4463A	VE5463A	VE6463A
No. of Outputs	1	1	1
Max. O/P Voltage	0 ~ 18V	0 ~ 36	0 ~ 72
Max. O/P Current	5A	3A	1.5A
Max. O/P Power	90W	108W	108W
Line Regulation Voltage	0 ~ 3.999V (0.01%+3mV) 4 ~ 18V (0.02%+10mV)	0 ~ 3.999V (0.01%+3mV) 4 ~ 36V (0.02%+10mV)	0 ~ 3.999V (0.01%+3mV) 4 ~ 72V (0.02%+10mV)
Line Regulation Current	0.02% + 8mA		
Load Regulation Voltage	0.02% + 20mV	0.02% + 10mV	
Load Regulation Current	0.02% + 15mA	0.02% + 10mA	0.02% + 8mA
Ripple & Noise Voltage	< 1mVrms		
Ripple & Noise Current	< 5mArms	< 4mArms	< 3mArms
Programming Accuracy	Voltage	0.1% + 20mV	
	Current	0.2% + 20mA	
Read back Accuracy	Voltage	0.2% ± 20mV	0~19.999V (0.2%±20mV) 20~36V (0.2%±100mV)
	Current	0.2% + 20mA	
Programming Resolution	Voltage	0~3.999V (1mV) 4~18V (10mV)	0~3.999V (1mV) 4~36V (10mV)
	Current	1mA	
Read Back Resolution	Voltage	10mV	0~19.999V (10mV) 20~36 (100mV)
	Current	10mA	
Protection	Over Voltage / Over Current / Over Power / Over Temperature		
AC Input	110Vac / 230Vac ; 50 ~ 60 Hz		
Wright	7 KG		
Optional Accessories	RS232C , USB		

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