

**JBP Series 150W/180W/300W/600W/1000W**

产品性能

- . 高稳定性, 极低杂讯, 低漂移
- . 线性结构, 面板功能操作简易
- . 恒电压、电流可程式设置输出
- . 旋转编码器精密调节功能
- . 大型2 X 16LCD 4 1/2 位显示
- . 16BIT显示精度, 12BIT控制精度
- . 电压、电流高分辨率1mV/1mA (在20V/20A以下时)
- . 电流输出在2A以下, 分辨率高达100uA
- . 超低电压10mV输出, 满足低电压及低功耗产品所需之测试电压要求
- . 电压缓升SLOPE及时间功能设置
- . 电压可模拟梯度自动连续输出
- . 快速响应, 时间100us以内
- . 过电压、过电流、过温度保护功能
- . 低压补偿V-SENSE功能, 100组记忆存储功能
- . 标准RS-232C通讯接口, GPIB选购
- . 大功率1000W输出, 可订制特殊功率



应用场所:

JBP系列是一款高稳定性、高精度的线性直流输出供给器, 产品功能强大, 可满足各种直流场合所需, 能广泛用于航天、国防、军工、通讯、GPS、PDA及各大院校实验室测试, 可兼容其它电子程式产品完成自动测试功能, JBP系列可编程直流电源是您直流所需的最佳、最理想的选择。

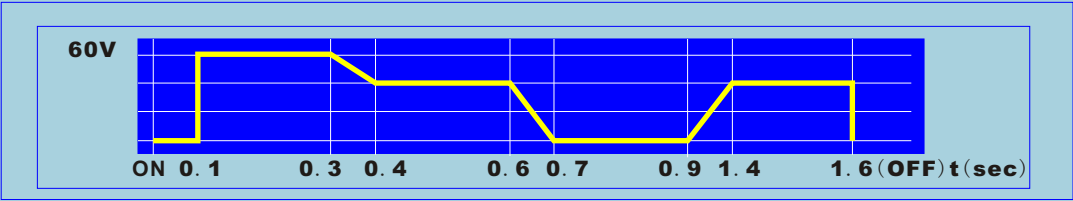
**PROGRAMMABLE DC POWER SUPPLY**

JBP SERIES (SINGLE OUTPUT)



**AUTO-SEQUENCE FUNCTION (自动连续测试功能)**

-AUTO=ON, AUTO SEQ. STEP=00>01>02>03>>99, AUTO CYCLE=1



## JBP Series 150W/180W/300W/600W/1000W

## JBP Series (Single Output)



## FRONT-PANEL (前面板功能)

BRIEF DESCRIPTION OF FRONT INTERFACE (前面板按键功能简述)  
KEY INFORMATION

1. **OUTPUT:** To output setting voltage and current, output is on , LED is lighted up.
2. **OCP:** Setting over current protection, when it reach at setting current , output is stopped. Output is on, LED is lighted up.
3. **AUTO:** Selecting either auto sequence or dynamic mode, when you select it you must set time, slope, step incidentally.
4. **V sense:** Recovering voltage drop caused by wiring from output terminal to load. It must connect to cable of V sense (BNC) terminal.
5. **LOCAL&REM/ADD:** While LED is turned, on it maintain local situation, selecting remote of GPIB or RS-232C it must turn LED off. during using remote, set the address.
6. **TIME:** Setting voltage/current maintenace time , when auto sequence or dynamic mode is selected.
7. **STEP:** Storing data when auto sequence or dynamic mode is selected. step is available for selecting from 1 to 100.
8. **SLOPE:** Setting voltage/current`s incline when auto sequence or dynamic mode is selected.
9. **V-SET:** Setting output voltage or controlling voltage.
10. **OVP:** Over voltage protection. when it reach at setting voltage, output is stopped.
11. **A-SET:** Setting output current or controlling current.
12. **RESET:** Canceling protection while power supply performs.
13. **CLEAR:** Removing a mistaken input and data.
14. **PRESET:** Display or verifying condition set on LCD.
15. **S/V/C:** Displaying one on LCD among step, voltage and current while output is operating. digital knob don't contain LOCK because of Encoder.
16. **CURSOR:** Change cursor`s position to up and down on LCD.
17. **ENTER:** Storing input data finally. storing a setting voltage and current.

**JBP-150/30V/5A (150W)**

## 产品性能

- 高稳定性, 极低杂讯, 低漂移
- 线性结构, 面板功能操作简易
- 恒电压、电流可程式设置输出
- 旋转编码器精密调节功能
- 大型2 X 16LCD 4 1/2 位显示
- 16BIT显示精度, 12BIT控制精度
- 电压、电流高分辨率1mV/1mA (在20V/20A以下时)
- 电压缓升SLOPE及时间功能设置
- 电压可模拟梯度自动连续输出
- 快速响应, 时间100us以内
- 过电压、过电流、过温度保护功能
- 低压补偿V-SENSE功能, 100组记忆存储功能
- 标准RS-232C通讯接口, GPIB选购
- 大功率1000W输出, 可订制特殊功率

**JBP-150/60V/3A (180W)**

## 产品性能

- 高稳定性, 极低杂讯, 低漂移
- 线性结构, 面板功能操作简易
- 恒电压、电流可程式设置输出
- 旋转编码器精密调节功能
- 大型2 X 16LCD 4 1/2 位显示
- 16BIT显示精度, 12BIT控制精度
- 电压、电流高分辨率1mV/1mA (在20V/20A以下时)
- 电压缓升SLOPE及时间功能设置
- 电压可模拟梯度自动连续输出
- 快速响应, 时间100us以内
- 过电压、过电流、过温度保护功能
- 低压补偿V-SENSE功能, 100组记忆存储功能
- 标准RS-232C通讯接口, GPIB选购
- 大功率1000W输出, 可订制特殊功率

**SPECIFICATION**

MODEL		JBP-150	JBP-150
Topology		Linear	Linear
Max. Power		150W	180W
Max. Voltage		0 - 30V	0 - 60V
O. V. P		32.7V	61.5V
Max. Current		0 - 5A	0 - 3A
Programmable Accuracy	Voltage	0.06% + 10mV	0.04% + 30mV
	Current	0.1% + 5mA	0.1% + 5mA
Ripple&Noise From 20Hz to 20MHz	Voltage (ms/p-p)	1.5mV/10mV	2mV/20mV
	Current	10mA	6mA
Readback Accuracy	Voltage	0.06% + 15mV	0.04% + 30mV
	Current	0.1% + 8mA	0.1% + 5mA
Load Regulation	Voltage	7mV	10mV
	Current	5mA	3mA
Line Regulation	Voltage	3mV	10mV
	Current	2mA	2mA
Control Resolution	Voltage	1mV	10mV
	Current	0.1mA	0.1mA
Auto Sequence (Dynamic)	Auto Run Step	Max 100 Step	
	Setting Time	1ms - 50,000s (per 10us)	
	Slope Time	1ms - 50s (per 10us)	
	Counter	1 - 50,000cycle (0 set : ∞)	
Protection Setting	Over Voltage/Over Temperature (Only heat sink 85°C)		
Transient Recovery Time	100us (50% Load Change, Min Load 0.5A)		
Memory Address	Max. 100points (Voltage, Current, Time, Slope)		
Interface For PC	GPIB (OPTION), RS-232C (RS-485)		
AC Power Source	AC 110V/220V ± 10%, 50/60Hz		
Demension (W × H × D) mm		400 × 140 × 220	400 × 140 × 260

※ 所有规格变更恕不另行通知

**JBP-300/30V/10A (300W)**



产品性能

- 高稳定性, 极低杂讯, 低漂移
- 线性结构, 面板功能操作简易
- 恒电压、电流可程式设置输出
- 旋转编码器精密调节功能
- 大型2 × 16LCD 4 ½ 位显示
- 16BIT显示精度, 12BIT控制精度
- 电压、电流高分辨率1mV/1mA (在20V/20A以下时)
- 电压缓升SLOPE及时间功能设置
- 电压可模拟梯度自动连续输出
- 快速响应, 时间100us以内
- 过电压、过电流、过温度保护功能
- 低压补偿V-SENSE功能, 100组记忆存储功能
- 标准RS-232C通讯接口, GPIB选购
- 大功率1000W输出, 可订制特殊功率



**JBP-500/30V/20A (500W)**



产品性能

- 高稳定性, 极低杂讯, 低漂移
- 线性结构, 面板功能操作简易
- 恒电压、电流可程式设置输出
- 旋转编码器精密调节功能
- 大型2 × 16LCD 4 ½ 位显示
- 16BIT显示精度, 12BIT控制精度
- 电压、电流高分辨率1mV/1mA (在20V/20A以下时)
- 电压缓升SLOPE及时间功能设置
- 电压可模拟梯度自动连续输出
- 快速响应, 时间100us以内
- 过电压、过电流、过温度保护功能
- 低压补偿V-SENSE功能, 100组记忆存储功能
- 标准RS-232C通讯接口, GPIB选购
- 大功率1000W输出, 可订制特殊功率



**SPECIFICATION**

MODEL		JBP-300	JBP-500
Topology		Linear	Linear
Max. Power		300W	600W
Max. Voltage		0 - 30V	0 - 30V
O. V. P		32.7V	32.7V
Max. Current		0 - 10A	0 - 20A
Programmable Accuracy	Voltage	0.04% + 6mV	0.04% + 7mV
	Current	0.1% + 10mA	0.1% + 20mA
Ripple & Noise From 20Hz to 20MHz	Voltage (ms/p-p)	2mV/20mV	4mV/35mV
	Current	20mA	40mA
Readback Accuracy	Voltage	0.04% + 6mV	0.04% + 7mV
	Current	0.1% + 10mA	0.1% + 20mA
Load Regulation	Voltage	10mV	20mV
	Current	10mA	20mA
Line Regulation	Voltage	3mV	4mV
	Current	2mA	2mA
Control Resolution	Voltage	1mV	1mV
	Current	1mA	1mA
Auto Sequence (Dynamic)	Auto Run Step	Max 100 Step	
	Setting Time	1ms - 50,000s (per 10us)	
	Slope Time	1ms - 50s (per 10us)	
	Counter	1 - 50,000cycle (0 set: ∞)	
Protection Setting	Over Voltage/Over Temperature (Only heat sink 85°C)		
Transient Recovery Time	100us (50% Load Change, Min Load 0.5A)		
Memory Address	Max. 100points (Voltage, Current, Time, Slope)		
Interface For PC	GPIB (OPTION), RS-232C (RS-485)		
AC Power Source	AC 110V/220V ± 10%, 50/60Hz		
Demension (W × H × D) mm		400 × 140 × 320	400 × 140 × 420

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**JBP-1000/100V/10A(1000W)**

CE



## 产品性能

- 高稳定性, 极低杂讯, 低漂移
- 线性结构, 面板功能操作简易
- 恒电压、电流可编程式设置输出
- 旋转编码器精密调节功能
- 大型2 × 16LCD 4 1/2 位显示
- 16BIT显示精度, 12BIT控制精度
- 电压、电流高分辨率1mV/1mA(在20V/20A以下时)
- 电压缓升SLOPE及时间功能设置
- 电压可模拟梯度自动连续输出
- 快速响应, 时间100us以内
- 过电压、过电流、过温度保护功能
- 低压补偿V-SENSE功能, 100组记忆存储功能
- 标准RS-232C通讯接口, GPIB选购
- 大功率1000W输出, 可订制特殊功率

**JBP-1500/150V/10A(1500W)**

CE



## 产品性能

- 高稳定性, 极低杂讯, 低漂移
- 线性结构, 面板功能操作简易
- 恒电压、电流可编程式设置输出
- 旋转编码器精密调节功能
- 大型2 × 16LCD 4 1/2 位显示
- 16BIT显示精度, 12BIT控制精度
- 电压、电流高分辨率1mV/1mA(在20V/20A以下时)
- 电压缓升SLOPE及时间功能设置
- 电压可模拟梯度自动连续输出
- 快速响应, 时间100us以内
- 过电压、过电流、过温度保护功能
- 低压补偿V-SENSE功能, 100组记忆存储功能
- 标准RS-232C通讯接口, GPIB选购
- 大功率1000W输出, 可订制特殊功率

**SPECIFICATION**

MODEL		JBP-1000	JBP-1500
Topology		Linear	Linear
Max. Power		1000W	1500W
Max. Voltage		0 - 100V	0 - 150V
O. V. P		109V	163.5V
Max. Current		0 - 10A	0 - 10A
Programmable Accuracy	Voltage	0.04% + 60mV	0.06% + 80mV
	Current	0.1% + 10mA	0.1% + 10mA
Ripple & Noise From 20Hz to 20MHz	Voltage (ms/p-p)	8mV/30mV	15mV/30mV
	Current	20mA	20mA
Reada back Accuracy	Voltage	0.04% + 60mV	0.06% + 80mV
	Current	0.1% + 10mA	0.1% + 10mA
Load Regulation	Voltage	20mV	20mV
	Current	10mA	10mA
Line Regulation	Voltage	15mV	20mV
	Current	2mA	2mA
Control Resolution	Voltage	10mV	10mV
	Current	1mA	1mA
Auto Sequence (Dynamic)	Auto Run Step	Max 100 Step	
	Setting Time	1ms - 50,000s (per 10us)	
	Slope Time	1ms - 50s (per 10us)	
	Counter	1 - 50,000cycle (0 set : ∞)	
Protection Setting	Over Voltage/Over Temperature (Only heat sink 85°C)		
Transient Recovery Time	100us (50% Load Change, Min Load 0.5A)		
Memory Address	Max. 100points (Voltage, Current, Time, Slope)		
Interface For PC	GPIB (OPTION), RS-232C (RS-485)		
AC Power Source	AC 110V/220V ± 10%, 50/60Hz		
Deme nsion (W × H × D) mm		400 × 180 × 500	400 × 200 × 550

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