

แหล่งกำเนิดไฟฟ้ากระแสตรง (DC Power Supply)



JC3000A Series : DC Power supply

จัดจำหน่ายโดย : บริษัท เฟเวอร์เทค จำกัด
 TEL : (02)8702884-5, (02)4289793-5
 Email: sales@evertech.co.th
 www.evertech.co.th



General Technical Data

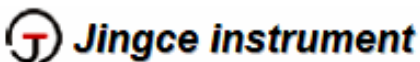
Features :

- 4 dual color LED display
- Constant voltage and constant current
- Serial and parallel tracking function
- DIGITAL METER :
 - (1) Ammeter : two team 3 digit display ammeter
 - (2) Voltmeter : two team 3 digit display ammeter
 - (3) Precision : $\pm (0.5\% \times \text{Rdg}+2)$

POWER SUPPLY AND ENVIRONMENT

- Main supply (switch selectable) : $220 \pm 10\%$, 50/60Hz
- Operation environment :
 - environment temperature $0^{\circ}\text{C} - 40^{\circ}\text{C}$,
 - relative humidity $< 80\%$
- Storage environment & Humidity :
 - environment temperature $-10^{\circ}\text{C} - 40^{\circ}\text{C}$, relative humidity $< 70\%$

Model	JC1803A	JC1805A	JC1820A	JC3003A	JC3003A-2	JC3003A-3	JC3005A	JC3005A-3	JC3010A	JC3020A	JC3030A	JC6003A	JC6003A-2	JC6005A	
Rated Output Value															
Voltage	18V	18V	18V	30V	30V*2	30V*2/5V	30V	30V*2/5V	30V	30V	30V	60V	60V*2	60V	
Current	3A	5A	20A	3A	3A*2	3A*2/3A	5A	5A*2/3A	10A	20A	30A	3A	3A*2	5A	
Power	54W	90W	360W	90W	90W*2	90W*2/15W	150W	150W*2/15W	300W	600W	900W	180W	180W*2	300W	
Load Effect															
Voltage	$\leq 4.8\text{mV}$	$\leq 8.6\text{mV}$	$\leq 4.8\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 11\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	
Current	$\leq 9\text{mA}$	$\leq 13\text{mA}$	$\leq 43\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 5\text{mA}$	$\leq 7\text{mA}$	$\leq 15\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	
Source Effect															
Voltage	$\leq 4.8\text{mV}$	$\leq 8.6\text{mV}$	$\leq 4.8\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	$\leq 11\text{mV}$	$\leq 6\text{mV}$	$\leq 6\text{mV}$	
Current	$\leq 9\text{mA}$	$\leq 13\text{mA}$	$\leq 43\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 5\text{mA}$	$\leq 7\text{mA}$	$\leq 15\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	$\leq 9\text{mA}$	
Ripple (5Hz-1MHz)															
CV pp	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	$\leq 4\text{mV}$	
CV rms	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 2\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	
CC rms	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 20\text{mA}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	$\leq 9.5\text{mV}$	$\leq 3\text{mV}$	$\leq 3\text{mV}$	
Read-back Accuracy															
Voltage $\pm 1\% +$	20mV	20mV	20mV	200mV	200mV	200mV	200mV	200mV	20mV	20mV	20mV	200mV	200mV	200mV	
Current $\pm 2\% +$	20mA	20mA	200mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	
Input voltage	AC220V $\pm 10\%$														
Size:W*H*D(mm)	155*130*270	155*130*270	155*255*460	155*130*270	155*255*290	155*255*290	155*130*270	155*255*290	155*255*290	155*255*460	200*400*500	155*255*290	155*255*290	155*255*290	
Overall chassis	I	I	III	I	II	II	I	II	II	III	IV	II	II	II	
Weight (kg)	4	5.5	13.6	4	7.5	7.6	5.5	9.4	9.4	13.7	24.6	5.6	10.5	9.2	



แหล่งกำเนิดไฟฟ้ากระแสตรง (DC Power Supply)



II cabinet



III cabinet



V cabinet

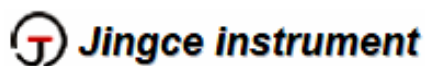


I cabinet



IV cabinet

Model	JC6010A	JC6020A	JC6030A	JC6050A	JC6060A	JC6080A	JC60100A	JC8010A	JC8020A	JC8030A	JC8050A	JC10003A	JC10005A
Rated Output Value													
Voltage	60V	60V	60V	60V	60V	60V	60V	80V	80V	80V	80V	100V	100V
Current	10A	20A	30A	50A	60A	80A	100A	10A	20A	30A	50A	3A	5A
Power	600W	1200W	1800W	3000W	3600W	4800W	6000W	800W	1600W	2400W	4000W	300W	500W
Load Effect													
Voltage	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV
Current	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA
Source Effect													
Voltage	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV	≤6mV
Current	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA	≤9mA
Ripple (5Hz-1MHz)													
CV pp	≤4mV	≤10mV	≤11mV	≤10mV	≤10mV	≤10mV	≤10mV	≤10mV	≤10mV	≤10mV	≤10mV	≤4mV	≤4mV
CV rms	≤3mV	≤5mV	≤5mV	≤5mV	≤5mV	≤5mV	≤5mV	≤5mV	≤5mV	≤5mV	≤5mV	≤3mV	≤3mV
CC rms	≤3mV	≤9.5mV	≤9.5mV	≤11mV	≤11mV	≤12mV	≤10mV	≤9mV	≤9mV	≤9mV	≤12mV	≤3mV	≤3mV
Read-back Accuracy													
Voltage ±1% +	20mV	20mV	20mV	20mV	20mV	20mV	20mV	20mV	20mV	20mV	20mV	200mV	200mV
Current ±2% +	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA
Input voltage	AC220V ± 10%												
Size:W*H*D(mm)	155*255*450	200*400*500	200*400*500	305*610*610	305*610*610	640*1000*615	640*1000*615	200*400*500	200*400*500	305*610*610	305*610*610	155*255*290	155*255*450
Overall chassis	II	IV	IV	V	V	65	71	IV	IV	V	V	II	II
Weight (kg)	13.6	24.5	31.5	61	61.5	65	71	21	31	60	61	9.4	13.5



จัดจำหน่ายโดย : บริษัท เฟเวอร์เทค จำกัด
 TEL : (02)8702884-5, (02)4289793-5
 Email: sales@evertech.co.th
 www.evertech.co.th