

## PSB-1000 Specifications

The specifications apply when the PSB-1000 is powered on for at least 30 minutes under +20°C~+30°C.

PSB-1000		1400L	1400M	1800L	1800M
<b>OUTPUT RATING</b>					
Output voltage(V)		0~40	0~160	0~40	0~160
Output current(A)		0~40	0~10	0~80	0~20
Output power(W)		400W	400W	800W	800W
<b>REGULATION (CV)</b>					
Load regulation (mV)		25	85	25	85
Line regulation (mV)		23	83	23	83
<b>REGULATION (CC)</b>					
Load regulation (mA)		45	15	85	25
Line regulation(mA)		45	15	85	25
<b>RIPPLE &amp; NOISE (Noise Bandwidth 20MHz ; Ripple Bandwidth = 1MHz)</b>					
CV p-p		60	60	80	80
CV rms		7	12	11	15
CC rms		80	20	160	40
<b>PROGRAMMING ACCURACY</b>					
Voltage	0.1% +	10	50	10	50
Current	0.1% +	20	10	40	20
<b>MEASUREMENT ACCURACY</b>					
Voltage	0.1% +	10	50	10	50
Current	0.1% +	20	10	40	20
<b>RESPONSE TIME</b>					
Raise Time		50	100	50	100
Fall Time(Full load)		50	150	50	150
Fall Time(No load)		500	1200	500	1200
Load Transient Recover Time(Load change from 50 to 100%)		1	1	1	1
<b>PROGRAMMING RESOLUTION (By PC Remote Control Mode)</b>					
Voltage		1	3	1	3
Current		1	1	2	1
<b>MEASUREMENT RESOLUTION (By PC Remote Control Mode)</b>					
Voltage		1	3	1	3
Current		1	1	2	1
<b>SERIES AND PARALLEL CAPABILITY</b>					
Parallel Operation		Up to 4 units including the master unit			

Series Operation		Up to 2 units including the master unit			
<b>PPROTECTION FUNCTION</b>					
OVP		4-44	5-176	4-44	5-176
OCP		4-44	1-11	5-88	2-22
OHP		Turn the output off.			
<b>FRONT PANEL DISPLAY ACCURACY, 4 digits</b>					
Voltage	0.1% +	20	100	20	100
Current	0.1% +	20	10	40	20
<b>ENVIRONMENT CONDITION</b>					
Operation Temp		0°C to 40°C			
Storage Temp		-25°C to 70°C			
Operating Humidity		20% to 85% RH; No condensation			
Storage Humidity		90% RH or less; No condensation			
<b>OTHER</b>					
Analog Control		Yes			
Interface		USB/LAN/GPIB(Optional)			
Power Source		100Vac to 240Vac, 50Hz to 60Hz, single phase			
Dimension & Weight		214×124×350			
		Approx. 5.2kg	Approx. 6.8kg	Approx. 5.2kg	Approx. 6.8kg