

Bipolar DC Power Supply



Technical Specifications

		PSB30-5	PSB30-10	PSB40-12	PSB40-18	
Power Supply Type		Bi-Polar, Two Quadrant				
Output Power		150 W	300 W	500 W	750 W	
Output Voltage		± 30 V	± 30 V	± 40 V	± 40 V	
Output Current		± 5 A	± 10 A	± 12.5 A	± 18.75 A	
Line Regulation		< 0.5 %				
Load Regulation		< 0.5 %				
Output Stability		±100 ppm of the full-scale current for 8 hours after 1-hour warm-up				
Load Type		Resistive or resistive-inductive (electromagnet)				
Display		4 digits for both Voltage and Current				
Display Accuracy		± (1% + 2 D)				
Display scale	Voltage (V)	30.00	30.00	40.00	40.00	
	Current (A)	5.00	10.00	12.50	18.75	
Indicators		LED indicators for Output ON				
Remote Programming	Analog Programming (Standard)	External 25 pin D connector for remote programming				
	Ethernet (LAN) (Optional)	SCPI Commands, LAN Connector RJ45 on rear panel				
Protection		Over Current, Short Circuit, Over Temperature				
Interlock		Interlocks for over temperature and over current				
Front Panel controls		Mains ON/ OFF, Voltage and Current setting with multi-turn potentiometer				

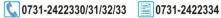
	PSB30-5	PSB30-10	PSB40-12	PSB40-18		
Mains Input	Universal AC input, Single phase, 90 ~ 270V, 50 / 60Hz (47 ~ 63Hz) Input connector: IEC320/C14, EN 60320/14					
Environment Conditions						
Operating Temperature	0~+50°C					
Storage Temperature	-40 ~ + 85°C					
Safety	Insulation: Input to Output: 3750 V for 1 min Input to case: 2500 Vrms, Output to case: 600 V Insulation resistance: 100 MΩ at 25°C, 70% RH, 500 Vdc					
Dimension	W x D x H : 443 x 445 x 87 mm (2U, 19" Rack size) excluding connectors, terminals, switches, front and back panel controls, handles etc.					
Cooling	Natural air cooling					

Subject to change without notice

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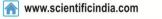
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