

LABORATORY POWER SUPPLY UNITS



FAC-307C



FAC-363B



FAC-364C



FAC-662B

SPECIFICATIONS	FAC-307C	FAC-363B	FAC-364C	FAC-662B
Variable outputs				
Independent mode	0 to 30 V / 0 to 3 A	0 to 30 V / 0 to 2 A	0 to 15 V / 0 to 4 A 0 to 30 V / 0 to 2 A	0 to 30 V / 0 to 1 A
Parallel mode				0 to 30 V / 0 to 2A
Series mode				0 to 60 V / 0 to 1 A
Tracking mode				0 to ± 30 V / 0 to 1 A
Internal resistance		6 mΩ (1 kHz) 10 mΩ (1 kHz)	6 mΩ (1 kHz) 10 mΩ (1 kHz)	6 mΩ (1 kHz) 10 mΩ (1 kHz)
Load regulation				
Constant voltage	≤ 0.1 %	≤ 0.05 % + 2 mV	≤ 0.02 % + 2 mV	≤ 1.5 mV
Constant current	≤ 0.1 %			≤ 3 mA
Mains regulation				
Constant voltage	0.1 %	≤ 0.02 % + 2 mV	≤ 0.02 % + 2mV	≤ 1 mV
Constant current				≤ 2 mA
Noise and hum				
Constant voltage	≤ 2 mV rms	≤ 500 μV rms	≤ 500 μV rms	≤ 500 μV rms
Measuring instruments	Digital, V y A	Digital, V y A	Digital, V y A	Digital, V y A
Accuracy	± (0.1 % reading ± 1 digit)	± (0.1 % reading ± 1 digit)	± (0.1 % reading ± 1 digit)	± (0.1 % reading ± 1 digit)
Voltmeter resolution	100 mV	100 mV	10 mV / 100 mV	100 mV
Ammeter resolution	10 mA	100 mA	1 mA / 10 mA	10 mA
Thermal protection		Through thermostat		
Auxiliar output	Not simultaneous			
Output V/A	3, 6, 12, 24 V AC / 1 A	5 V / 1 A, ± 15 V / 0.5 A		5 V / 2 A
Power supply				
Mains voltage	230 V ± 10 % AC / 50 - 60 Hz	110 - 125 - 220 - 24 - V AC / 50-60 Hz		
Consumption	170 W	120 W	125 W	145 W
Mechanical features				
Dimensions (mm)	230 x 145 x 290	230 x 145 x 290	230 x 145 x 290	210 x 185 x 280
Weight	6 kg	6 kg	6,7 kg	6,6 kg