

PSD Series DC Power Supplies

- Constant Voltage & Constant Current operation
- Digital display for voltage & current
- Adjustable current limiter
- Protection Against over load & short circuit
- Compact and light weight



Technical Specifications

	Single Output		Dual	Dual Tracking	Multiple Output	Dual Tracking	
Model	PSD3003	PSD3005	PSD3203	PSD3204	PSD3303	PSD3304	PSD3205
DC Output	0 – 30 V / 3 A	0 – 30 V / 5 A	2 x 0 – 30 V / 3 A	2 x 0 – 30 V / 3 A Dual Tracking Switchable	2 x 0 – 30 V / 3 A 4 – 6 V / 3 A	0 – 30 V / 2 A 0 – ±15 V / 1 A Tracking, 4.5 – 5.5 V / 5 A	2 x 0 – 30 V / 3 A Dual Tracking Switchable
Setting Resolution	V : 10 mV, I : 5 mA						
Load Regulation	≤ ± (0.05% + 10 mV)						
Line Regulation	≤ ± (0.05% + 10 mV)						
Ripple & Noise	≤ 1 mVrms						
Internal Resistance	≤ 10 mΩ						
Stability	≤ 2.5 mV at full load						
Recovery Time	≤ 50 μs						
Temp. Coefficient	≤ ± (0.05% + 10 mV/°C)						
Current Limit adjustment	100 mA to max						
Display	Switchable 3 digit seven segment LED for Voltage & Current						Dual display for Voltage & Current
Display Accuracy	V : ± (1% + 1 digit), I : ± (1% + 3 digit)						
General Information	Built-in overheat, over voltage protections						
Insulation	Between chassis & output terminal > 10 MΩ at 100 Vdc, chassis & AC plug > 50 MΩ at 500 Vdc						
Input Supply	230 AC ± 10% /50-60 Hz (100/120/220/240 available on request)						
Operating Condition	0-40°C RH 95%						
Dimension (mm) WxHxD	196 x 80 x 262		165 x 215 x 360				
Weight (approx.)	3.5 kg	6.5 kg	7.5 kg	7.7 kg	7.7 kg	7.7 kg	7.7 kg

(Subject to change)

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