

PSD3000 Series DC Power Supplies



Main Features

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

Subject to Change