

# Instek Triple Output Power Supplies

*Part Nos. 01GPC1850D, 01GPC3030D*[Back to Power Supply Main Page](#)

SPECIFICATIONS					
OPERATION MODE	Independent	Two independent outputs and 5V fixed output Output from 0 to rating volts and 0 to rating amperes			
	Series	Output from 0 to $\pm$ rating volts at rating amperes each Output from 0 to double rating volts at rating amperes			
	Parallel	Output from 0 to double rating amperes at rating volts			
5V FIXED OUTPUT	Regulation	Line regulation $\leq 5\text{mV}$ Load regulation $\leq 10\text{mV}$			
	Ripple & Noise	$\leq 2\text{mVrms}$			
	Voltage Accuracy	$5\text{V} \pm 0.25\text{V}$			
	Output Current	3A			
TRACKING OPERATION	Tracking Error	$\leq 0.5\% + 10\text{mV}$ of the master			
	Series Regulation	$\leq 300\text{mV}$			
CONSTANT VOLTAGE OPERATION	Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$ ) $\leq 0.02\% + 5\text{mV}$ (rating current $\leq 10\text{A}$ )			
	Ripple & Noise	$\leq 1\text{mVrms}$ 5Hz ~ 1MHz			
	Recovery Time	$\leq 100\mu\text{S}$ (50% Load change, Minimum load 0.5A)			
CONSTANT CURRENT OPERATION	Regulation	Line regulation $\leq 0.2\% + 3\text{mA}$ Load regulation $\leq 0.2\% + 3\text{mA}$			
	Ripple Current	$\leq 3\text{mA rms}$			
METER	Digital	3 1/2 digits 0.5" LED display 3 1/2 digits 0.39" LED display ( for GPC-3030DQ ) Accuracy $\pm (0.5\%$ of rdg + 2 digits)			
INSULATION	Chassis and Terminal	20M $\Omega$ or above ( DC 500V )			
	Chassis and AC Cord	30M $\Omega$ or above ( DC 500V )			
POWER SOURCE	AC 100V/120V/220V/240V $\pm 10\%$ , 50/60Hz				
ACCESSORIES	Instruction manual x 1, Power cord x 1 Test lead GTL-105 x 3 ( $\leq 3\text{A}$ ) or GTL-104 x 3 ( $\leq 10\text{A}$ )				
DIMENSIONS	255(W) x 145(H) x 335(D) mm				
SELECTION GUIDE					
		Model	Independent	Series	Parallel
Digital		GPC-1850D	0~18V x 2, 0~5A x 2	36V 5A	18V 10A
		GPC-3030D	0~30V x 2, 0~3A x 2	60V 3A	30V 6A