

DPS-3003LK-1/3005LK-1/6003LK-1 单路可调带关断直流电源

Single Adjustable DC Power Supply with Turn Off Function

产品特点 Product Features

- 过载与极性相反保护功能 Overload and reverse polarity protection
- 恒压、恒流、低纹波噪声、低漂移 Constant voltage, constant current, low ripple noise and low drift
- 具有输出关断功能 With output turn off function
- 可预设限流点 With current limit preset function
- 环形变压器，体积小，重量轻 Toroidal transformer, which has small size and light weight



DPS-3003LK-1

产品型号 Model	DPS-3003LK-1	DPS-3005LK-1	DPS-6003LK-1
电压 Voltage / 电流 Current	0~30V/0~3A	0~30V/0~5A	0~60V/0~3A
尺寸 Dimensions (L*W*H)	310x130x160mm	310x130x160mm	310x130x160mm
重量 Weight	5kg	6.3kg	6.5kg

主要技术指标 Main Specifications

稳压特性 Voltage Stabilization Characteristic	
电源效应 Power effect ion	$CV \leq 0.01\% + 3mV$
负载效应 Load effect	$CV \leq 0.02\% + 5mV (I > 3A)$ $CV \leq 0.01\% + 3mV (I \leq 3A)$
纹波与噪声 Ripple and noise	$CV \leq 2.0mV_{rms}$
电压温度系数 Voltage temperature coefficient	$300ppm/^{\circ}C$
稳流特性 Current Stabilization Characteristic	
电源效应 Power effect ion	$\leq 0.2\% + 3mA$
负载效应 Load effect	$\leq 0.2\% + 3mA$
电流温度系数 Current temperature coefficient	$500ppm/^{\circ}C$
显示 Display	
电压指示精度 Accuracy of voltage indication	三位 A/D 转换数字显示 $\pm (0.5\% + 2 \text{ 个字})$ Three-digit A / D conversion digital display $\pm (0.5\% + 2 \text{ digitals})$
电流指示精度 Accuracy of current indication	三位 A/D 转换数字显示 $\pm (1\% + 2 \text{ 个字})$ Three-digit A / D conversion digital display $\pm (1\% + 2 \text{ digitals})$
恢复时间 Recovery Time	$\leq 100\mu S$
电源 Power Supply	
AC 220V $\pm 10\%$ (标准 standard)	
AC 110V/220V $\pm 10\%$ (可选 optional) 50Hz/60Hz	