

LT-101A LED 驱动电源性能测试仪

LT-101A LED DRIVER TESTER

LT-101A LED驱动电源性能测试仪满足IEC62384、IEC61000-3-2、GB/T 24825等国际国内相关测试标准，可应用于技术开发及生产现场检测。

LT-101A LED driver tester is a comprehensive instrument which fully meets the requirements of IEC62384, IEC61000-3-2, GB/T 24825 and other related international & national standards. It can be applied to technology development and production field test.



LED驱动电源性能测试仪，是一款稳定可靠、经济且功能强大的针对LED驱动电源输入、输出电参数测试的仪器，该款仪器能同时测试LED驱动电源的输入和输出电性能并实现主要参数限值设定并超限自动判定功能，适用于LED驱动电源的生产现场检测、质量控制或者研发测试等多种场合。

LT-101A LED driver tester is specially designed for input and output electrical performance of LED driver with high stability, economy and multifunction. It can test LED input and output electrical property simultaneously and can preset upper&lower limit for automatical judgment, and alarm when exceeding limit. It is very suitable for site-test like production line, quality inspection and R&D etc.



技术参数 Specifications

型号 Model		LT-101A	
输入特性测试 Input characteristics test			
测试功能 Measurement Function	测量输入电压真有效值、电流真有效值、有功功率、功率因数、频率以及电压、电流总谐波失真、0~50次谐波真有效值和相对值。 Measure voltage RMS, current RMS, active power, power factor, frequency, voltage & current total harmonic distortion, true RMS and relative value of 0 ~ 50th harmonics .		
输入电流频宽选择 The selection of input current bandwidth	窄频(20Hz-5kHz),宽频(20Hz-1MHz) the narrowband (20Hz-5kHz), wideband (20Hz-1MHz)		
谐波分析功能 Harmonic analysis function	可分析电压电流的总谐波失真和2~50次各次谐波的有效值和相对值 THD and 2nd~50th harmonic value		
输入特性测量范围 measuring range of input characteristics	电压 Voltage	3V ~ 300V	
	电流 Current	0.010A ~ 5.000A	
	频率 Frequency	DC, 20Hz ~ 65Hz	
	频宽 Bandwidth	窄频5kHz, 宽频1MHz narrowband 5kHz, wideband 1MHz	
	测量准确度 Measurement accuracy	0.1% rdg+0.1% rng	
输出特性测试 Output characteristics of test			
输出稳态特性测试 Output steady-state characteristics of test	测量输出稳态时的电压真有效值、振荡频率、电流真有效值、有功功率、功率因数。 Measure voltage RMS, oscillation frequency, current RMS ,active power, power factor		
输出启动特性测试 Output start the characteristics of the test	测量输出启动过程0~3秒内的电压峰值、电流峰值、电流峰值时间等参数。 Measure voltage peak, current peak and time to current peak within 0 ~3s from startup.		
输出特性测量范围 Measuring range of output characteristics	电压 Voltage	3V ~ 300V	
	电流 Current	0.010A ~ 5.000A	
	频率 Frequency	DC, 20Hz ~ 65Hz	
	频宽 Bandwidth	窄频5kHz, 宽频1MHz narrowband 5kHz, wideband 1MHz	
	测量准确度 Measurement accuracy	0.1% rdg+0.1% rng	
其他 Other	仪器还具有锁存功能、上位机通讯等功能 The hold and PC communication functions are also available.		
	电流纹波测试功能 Ripple current measurement function		