



## APM Power Source Help in LED Test

Quality of LED drive power source directly affects the quality of LED illuminating system. But drive power source is easier to damage LED illuminating system. To guarantee the safety, efficiency and reliability of LED drive power source, it must be strictly tested in R&D or production stage.



LED drive power source test item contains AC power input range, power efficiency, power factor, ripple & noise, starting and continuous time, rise time, over-load protection, OVP, EMC and other parameters in LED drive power source performance index. Power source for test is required to provide stable output and simulate abnormal power supply such as variation of frequency and voltage. At the meanwhile, it needs to be equipped with completed protection function to satisfy the test requirement.

APM SP-300 single phase programmable AC source is featured with high power density, high reliability and high precision. Its highest output frequency could reach to 1200Hz. Meanwhile it possesses operation interface of touch screen and keys manually. It is able to analog output normal or abnormal input for electrical device. Support setting on/off phase angle. It is equipped with



OCP/OVP/OPP/OTP/ Short circuit protection and anti-reverse protection. Built-in IEC61000-4-11/ IEC61000-4-14/ IEC61000-4-28/ IEC61000-4-13 standard test waveform, it make APM ac source match requirement of LEAD drive power source to test power source. Below is a famous Chinese ATE system manufacture using APM AC source to test LED drive.



APM is gradually accepted by customer from the entire field with its solid technology strength and reliable quality. We take actual application as guidance and keep providing professional solution to customer. APM keep philosophy of “professional, innovation, brand, service “to provide 24 hours comprehensive service to customer.