



LED POWER SUPPLY

TW-300V5



- Model TW-300V5 is a high-performance LED Power Supply System designed to deliver stable and reliable 5V / 60A output for demanding LED applications. It ensures consistent operation and long service life across a wide range of lighting systems.
- With a wide input voltage range and built-in protection features, the TW-300V5 operates reliably even under unstable power conditions. Its robust design, wide operating temperature range, and compliance with international safety standards make it an ideal solution for industrial, commercial, and outdoor LED installations.

Item	Specification
Output Voltage / Current	5VDC / 60A
Input Voltage Range	176 – 264VAC
Input Frequency	47 – 63Hz
Inrush Current	60A max. @ 230VAC (cold start)
Line Regulation	≤ 0.5%
Overload Protection	110% – 140%, auto shutdown, recovers after restart
Rise Time	50ms (typical)
Hold-up Time	20ms @ full load
Dielectric Strength	I/P–O/P: 3KVAC; I/P–FG: 1.5KVAC; O/P–FG: 0.5KVAC (1 min)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +100°C
Storage Humidity	20 – 95% RH, non-condensing
Safety Standards	GB4943, UL60950-1, EN60950-1
EMC Standard (Electromagnetic Compatibility Standard)	GB9254, EN55022



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TWT reserves the right to change products' dimensions and specifications without notice.

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