

## Switching Power Adaptor UES24B-SPA Series

### Features

- ◆ Wide range of AC input voltage 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meets 4KV surge immunity
- ◆ Meets energy star level VI & CoC V5 Tier 2(2016)
- ◆ No Y-capacitor design, low touch current < 10μA

UES24B-SPA



Input Voltage Range	90-264VAC	Operation Temperature	-5~45°C
Input Current	800mA	Storage Temperature	-40~70°C
Average Efficiency	Meets energy star level VI & CoC V5 Tier 2(2016)	Humidity	5% to 95% non condensing , Meets 5000m Elevation
Output Voltage Range	±5%	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.075W		
Safety Standard	PSE(J60950)		
Weight	200g	Dimensions	91.0mm (L) ; 46.0mm (W) ; 33.0mm (H)
Applications	ITE Equipment		

### Output data (UES24B-SPA)

Model	Voltage (V)	Current (A)	Ripple (mV)	V		Av. Eff. (%)
				115	230	
UES24B-120YYSPA	12.0	0.1-2.0	150	Y	Y	86.8

YYY:010-200 stands for current 0.10-2.00A.

### Standard

EMC standard	EN55022/CISPR22; EN55024/CISPR24
Conducted & Radiated	EN55022/CISPR22 Class B
Harmonic Currents	IEC/EN 61000-3-2 Class A
Voltage Flicker	IEC/EN 61000-3-3
ESD	IEC/EN 61000-4-2 ±8kV Air, ±4kV Contact
Radiated Immunity	IEC/EN 61000-4-3 4V/m
EFT/Burst	IEC/EN 61000-4-4 ±2kV
Surge	ITU-T K.21/IEC/EN 61000-4-5 ±4kV diff. mode, ±4kV common Mode
Conducted Immunity	IEC/EN 61000-4-6 4Vrms
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT