

# Switching Power Adaptor UES36D-SPA1

## Features

- ◆ AC input voltage range 90-290VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meet 8KV DM, 6KV CM Surge immunity
- ◆ Energy efficiency level VI



Input Voltage Range	90-290VAC	Operating Temperature	-10~55℃
Input Current	0.9A	Storage Temperature	-40~70℃
Average Efficiency	Energy efficiency level VI	Operating Humidity	5% to 95% non condensing
Output Voltage Tolerance	±5%	MTBF	100,000 hours at full load at 25℃ ambient, calculated per MIL-HDBK-217F
Standby Power	0.075W Max		
Safety Standard	CCC(GB4943.1)		
Weight	185g	Dimensions	110.0mm (L); 51.5mm (W); 33.0mm (H)
Applications	ITE		

## Output data (UES36D-SPA1)



Model	Voltage (V)	Current (A)	Ripple (mV)	⑥ 115 230	Av. Eff. (%) Min
UES36D-120YYYSPA1	12.0	0.01-3.00	120	Y Y	88.3

YYY:001-300 stands for current 0.01-3.00A.

## Standard

EMC standard	EN55032/CISPR32; EN55035/CISPR35
Conduction & Radiation	EN55032/CISPR32 Class B
Harmonic Currents	IEC/EN 61000-3-2 Class A
Voltage Flicker	IEC/EN 61000-3-3
ESD	IEC/EN 61000-4-2 ±15KV Air, ±8KV Contact Class B
Radiated Immunity	IEC/EN 61000-4-3 3V/m Class B
EFT/Burst	IEC/EN 61000-4-4 ±2KV Class B
Surge	IEC/EN 61000-4-5 ±8KV DM, ±6KV CM
Conducted Immunity	IEC/EN 61000-4-6 3Vrms Class B
Dips & Interruptions	IEC/EN 61000-4-11 70%, 0%