

Switching Power Adaptor UES12D1-SPA

Features

- ◆ AC input voltage range 90-300VAC
- ◆ Protections against: short circuit/over current/over voltage/
Input undervoltage protection
- ◆ Energy efficiency level VI
- ◆ No Y design



Input Voltage Range	90-300VAC	Operating Temperature	-40~55°C
Input Current	0.3A	Storage Temperature	-40~70°C
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°C ambient, calculated per MIL-HDBK-217
Standby Power	0.075W MAX		
Safety Standard	CCC(GB4943.1), CB(IEC62368-1), CE(EN62368-1), BSMI(CNS14336-1)		
Weight	116g	Dimensions	90.0mm (L) ;46.0mm (W) ;30.0mm (H)
Applications	ITE		

Output data (UES12D1-SPA)

CB CE

Model	Voltage (V)	Current (A)	Ripple (mV)	 115 230	Av. Eff. (%) Min
UES12D1-120YYYSPA	12.0	0.01-1.00	120	Y Y	83.26

YYY:001-100 stands for current 0.01-1.00A

Standard

EMC standard	EN55032/CISPR32;EN55024/CISPR24
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 A
EFT/Burst	IEC/EN 61000-4-4 ±2KV Class B
Surge	IEC/EN 61000-4-5 ±6KV DM, ±6KV CM
Conducted Immunity	IEC/EN 61000-4-6 3Vrms Class A
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT