

USB Switching Power Adaptor UES05-050100SPA-OP Series

Features

- ◆ Wide range of AC input voltage 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meets diff. mode 2.5KV surge immunity
- ◆ Meets energy star level VI & CoC V5 Tier 2(2016)
- ◆ Open Board

UES05-050100SPA-OP



Input Voltage Range	90-264VAC	Operation Temperature	-10~85°C
Input Current	200mA	Storage Temperature	-40~85°C
Average Efficiency	Meets energy star level VI & CoC V5 Tier 2(2016)	Humidity	5% to 95% non condensing
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	Meets CE(EN60950)		
Weight	17.6g	Dimensions	36.1mm (L) ; 36.1mm (W) ;20 mm (H)
Applications	Medical device and ITE Equipment		

Output data (UES05-050100SPA-OP)



Model	Voltage (V)	Current (A)	Ripple (mV)	①	②	Av. Eff. (%) Min
UES05--050100SPA-OP	5.0	1.00	150	Y	Y	73.77

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, ±6kV Contact
Radiated Immunity	IEC/EN 61000-4-3 3V/m
EFT/Burst	IEC/EN 61000-4-4 ±2kV
Surge	IEC/EN 61000-4-5 ±2.5KV diff. mode, ±4KV common Mode
Conducted Immunity	IEC/EN 61000-4-6 3Vrms
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT

YYY:001-100 stands for current 0.01-1.0A.