

industrial power supply UEA50 Series

Features

- ◆ Wide range of AC input voltage 90-260VAC
- ◆ Protections against: short circuit/over current/over voltage/over temperature
- ◆ Meets 2KV surge immunity
- ◆ Meets energy star level VI



NEW
UEA50 Series

Input Voltage Range	90-264VAC	Operation Temperature	-20~50°C (Except 5Vdc -20~40°C)
Input Current	1500mA	Storage Temperature	-20~70°C
Average Efficiency	Meets energy star level VI	Humidity	20% to 85% non condensing
Output Voltage Range	±5%	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.15W Max		
Safety Standard	CE(EN62368-1)		
Weight	UEA50-050A00SPA: 230g	Dimensions	107.5mm (L) ; 74mm (W) ; 32.5mm (H)
	UEA50-120430SPA: 215g		
	UEA50-150350SPA: 210g		
	UEA50-240220SPA: 210g		
	UEA50-480110SPA: 210g		
Applications	It is suitable for industrial equipment such as automation equipment, robots, etc.		

Output data (UEA50 Series)

Model	Voltage (V)	Current (A)	Ripple (mV)	V		Av. Eff. (%)
				115	230	
UEA50-050YYYSPA	5.0	0.01-10.0	180	Y	Y	86.53
UEA50-120YYYSPA	12.0	0.01-4.3	180	Y	Y	87.78
UEA50-150YYYSPA	15.0	0.01-3.5	180	Y	Y	87.77
UEA50-240YYYSPA	24.0	0.01-2.2	240	Y	Y	87.77
UEA50-480YYYSPA	48.0	0.01-1.1	480	Y	Y	87.77



Standard

EMC standard	EN55032/CISPR22;EN55024/CISPR24
Conducted & Radiated	EN55032/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 Class B
Radiated Immunity	IEC/EN 61000-4-3 3V/m Class A
EFT/Burst	IEC/EN 61000-4-4 ±1kV Class B
Surge	IEC/EN 61000-4-5 ±2kV Diff. Mode, ±2kV Common Mode
Conducted Immunity	IEC/EN 61000-4-6 3Vrms Class A
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT

YYY:001-A00 stands for current 0.01-10.00A