

# industrial power supply UEA100 Series

## Features

- ◆ Wide range of AC input voltage 85-264VAC;
- ◆ Protections against: short circuit/over current/over voltage/over temperature
- ◆ Standby power <0.15W
- ◆ Externally adjustable output voltage
- ◆ The power switch can be controlled by external voltage signals



NEW

UEA100 Series

Input Voltage Range	85-264VAC	Operation Temperature	-10~50°C
Input Current	3000mA	Storage Temperature	-20~70°C
Average Efficiency	84% - 87%(@100VAC)	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	410g	Dimensions	145.2mm (L) ; 81.7mm (W) ; 36.0mm (H)
Applications	It is suitable for industrial equipment such as automation equipment, robots, etc.		

## Output data (UEA100 Series)

Model	Voltage (V)	Current (A)	Ripple (mV)	Av. Eff. (%) Min
UEA100-050YYYSPA	5.0	0.01-16.0	180	84.0
UEA100-120YYYSPA	12.0	0.01-8.5	180	86.5
UEA100-150YYYSPA	15.0	0.01-7.0	180	87.0
UEA100-240YYYSPA	24.0	0.01-4.5	240	86.0
UEA100-480YYYSPA	48.0	0.01-2.1	240	87.0

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

YYY:A00-B50 stands for current 10.0-11.5A

YYY:B50-F00 stands for current 11.5-16.0A



## 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 ±1kV 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

## Mechanical Drawings

