

## UES30-SPA-OP2 Series

### Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage/over temperature/under voltage protection
- ◆ Meet 2KV surge immunity
- ◆ Energy efficiency level VI
- ◆ Communication phase zero crossing detection



Input Voltage Range	90-264VAC	Operating Temperature	-10~45 °C
Input Current	1.0A	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-217F
Standby Power	0.1W Max		
Safety Standard	Meet CB(IEC60335-1), CQC(GB4943.1), cULus(UL1310)		
Weight	About 115g	Dimensions	1116.0mm (L); 84.1mm (W); 24.0mm (H)
Applications	Robotic vacuum cleaner		

### Output data (UES30-SPA-OP2)

Model	Voltage (V)	Current (A)	Ripple (mV)	Ⓜ 115 230	Av. Eff. (%) Min
UES30-300YYYSPA-OP2	30.0	0.01-1.00	300	Y Y	86.95

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

### Standard

EMC standard	EN 55014
Conduction & Radiation	EN 55014 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 ±1KV Class B
Surge	IEC/EN 61000-4-5 ±2KV DM, ±4KV CM
Conducted Immunity	IEC/EN 61000-4-6 3Vrms Class B
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT