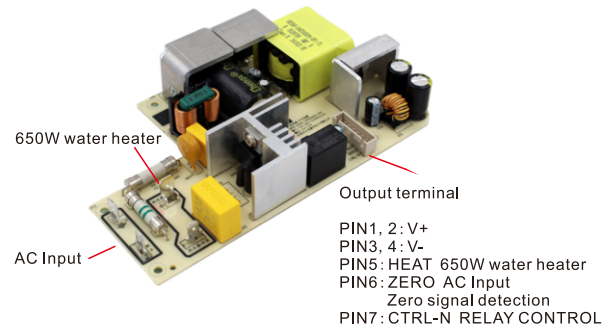


UES60-SPA-OP1 Series Robotic vacuum cleaner

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
- ◆ AC phase control zero crossing detection
- ◆ 650W water heater(AC load)



Input Voltage Range	90-264VAC	Operating Temperature	-10~45℃
Input Current	2.0A	Storage Temperature	-40~70℃
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℃ ambient, calculated per MIL-HDBK-217F
Standby Power	0.13W Max		
Safety Standard	Meet CB(IEC60335-1), CCC(GB4706.1), cULus(UL1310)		
Weight	About 181g	Dimensions	140.0mm (L); 84.0mm (W); 24.0mm (H)
Applications	Robotic vacuum cleaner		

Output data (UES60-SPA-OP1)

Model	Voltage (V)	Current (A)	Ripple (mV)	① 115	② 230	Av. Eff. (%) Min
UES60-200YYYSPA-OP1	20.0	0.01-3.00	200	Y	Y	88.00
UES60-240YYYSPA-OP1	24.0	0.01-2.50	240	Y	Y	88.00
UES60-290YYYSPA-OP1	29.0	0.01-2.07	300	Y	Y	88.00

YYY:001-300 stands for current 0.01-3.00A.
 001-250 stands for current 0.01-2.50A.
 001-207 stands for current 0.01-2.07A.

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