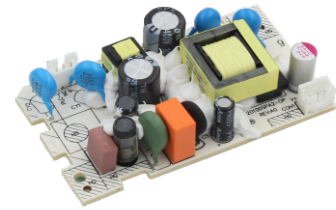


## PLC Built in Power Board UE12-120100SPA2-OP

### Features

- ◆ AC input voltage range 176-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Meet 2KV surge immunity
- ◆ Energy efficiency level V

Input Voltage Range	176-264VAC	Operating Temperature	-5~70°C
Input Current	0.5A	Storage Temperature	-40~70°C
Average Efficiency	Energy efficiency level V	Operating Humidity	5% to 95% non condensing
Output Voltage Tolerance	12V±5%	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.3W MAX		
Safety Standard	CQC (GB4943.1)		
Weight	40g±5g	Dimensions	70.0mm (L) ;40.0mm (W) ; 17.9mm (H)
Applications	ITE		

### Output data (UE12-120100SPA2-OP)

Model	Voltage (V)	Current (A)	Ripple (mV)	① (V)	Av. Eff. (%) Min
UE12-120YYYSPA2-OP	12.0	0.01-1.00	300	Y	77.90

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

### Standard

EMC standard	EN55032/CISPR32; EN55035/CISPR35
Conduction & Radiation	EN55032/CISPR32 Class B
Harmonic Currents	IEC/EN 61000-3-3 Class A
Voltage Flicker	IEC/EN 61000-4-2 ±6KV Air, ±10KV Contact Class B
ESD	IEC/EN 61000-4-3 4V/m Class A
EFT/Burst	IEC/EN 61000-4-4 ±2KV Class A
Surge	IEC/EN 61000-4-5 ±2KV DM, ±4KV CM
Conducted Immunity	IEC/EN 61000-4-6 4Vrms Class A
Dips & Interruptions	IEC/EN 61000-4-11 0%, 40%, 70% ,0% of UT