

## Switching Power Adaptor DP18LC1-SPA Series

### Features

- ◆ AC input voltage range 90-264VAC
- ◆ Protections against: short circuit/over current/over voltage
- ◆ Energy efficiency level V



DP18LC1-SPA

Input Voltage Range	90-264VAC	Operating Temperature	-5°C~45°C
Input Current	0.5A	Storage Temperature	-20°C~60°C
Average Efficiency	Energy efficiency level V	Operating Humidity	5% to 90% non condensing
Output Voltage Tolerance	±5%	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.3W		
Safety Standard	Meets CCC(GB4943.1)		
Weight	62g	Dimensions	62mm (L) ;29mm (W) ;40mm (H)
Applications	ITE		

### Output data (DP18LC1-SPA)

Model	Voltage (V)	Current (A)	Ripple (mV)	Ⓟ 115 230	Av. Eff. (%) Min
DP18LC1-120YYSPA	12.0	0.01-1.50	200	Y Y	80.29

YYY:001-150 stands for current 0.01-1.50A

### Standard

EMC standard	EN55032/CISPR32;EN55035/CISPR35
Conduction & Radiation	EN55032/CISPR32 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, ±6KV 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 ±4KV DM, ±4KV CM
Conducted Immunity	IEC/EN 61000-4-6 3rms Class B
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT