

AC-IDG-12V/10A-F-K

120W Single Output Small Bulk Switching Power Supply

120W Series B



Features

- AC input power suitable for the world
- High efficiency, long service life, high reliability.
- Soft-start current can reduce the AC input impact effectively
- Protection: short circuit / overload / over voltage / over temperature.
- 100% full-load burning test.
- Installed with EMI filter, minimum.

Technical Specification

DC output voltage	12V	Leakage current	<1mA/240VAC
Output voltage error (Note :2)	±1%	Overload protection	105%-150%Type:Foldback:current limiting reset: auto recovery
Rated output current	10A	Over voltage protection	115-135%
Output current range	0-10A	Temperature coefficient	±0.03%/°C 0-50°C
Wave and noise(Note :3)	100mVp-p	Setup rise hold up time	200ms,50ms,20ms
Inlet stability(Note :4)	±0.3%	Vibration	10-500Hz,2G 10min./1cycle, Period for 60min, Each axes
Load stability (Note :5)	±0.3%	Withstand voltage	Input and output internal : 1.5KVAC, Input and enclosure:1.5KVAC,Output & enclosure: 0.5KVAC
DC output power	120W	Isolation resistance	Input and output internal: Input and enclosure, Output and enclosure : Isolation resistance 500VDC/100MΩ
Efficiency	81 %	Working temperature and humidity	-10°C~+60°C (Refer to output derating curve), 20%~90%RH
Adjustable range for DC voltage	10.6~13.2V	Store temperature and humidity	-20°C~+85°C 10%~95%RH
AC input voltage range	88-132VAC/170-264V AC Selected by switch,47-63Hz;240-370VDC	Overall dimension	159×98×38mm
Input current	2.4A/115V 1.2A/230V	Weight	0.45Kgs
AC Inrush current	Cold-start current 30A/115V 60A/230V		