

# Switchbox F11503 Series

150W SINGLE OUTPUT AC/DC GENERAL

## Features

- **Universal input 100-240VAC**
- **Meets FCC/CICPR/VCCI class B EMI**
- **Low profile and low cost**
- **High efficiency**
- **IEC320 inlet class I C6 (3P)**
- **OVP, OPP, auto recovery**
- **Green mode function (optional)**



## Specifications

### INPUT

Voltage range	100-240VAC $\pm 10\%$ , full range.
Inrush current	70A max at 140VAC/100A max at 240VAC.
Frequency	47-63Hz.
Dielectric withstand	1.5kVAC for 1 minute.
Leakage current	0,75mA max.
Power factor correction	>0.94@115VAC, >0.95@230VAC.

### OUTPUT

Efficiency	80% min.
Hold-up time	10mS at full load.
Line regulation	$\pm 1\%$ .
Load regulation	$\pm 5\%$ .
Ripple and noise	480mV p-p.
Protections	OC, OVP, short circuit protection.
Standard output connector	See drawing.

### GENERAL

Lifetime estimation	At 25°C, 230VAC input and free air convection min 17,500 hours at 60% continuous load or at 100% load with 20% duty cycle.
Expected lifetime	MTBF 281,057 hrs.
Dimension (L x W x H)	170 x 84 x 42 mm.
Weight	900g.

### ENVIRONMENTAL

Operating temperature	0°C to +40°C.
Storage temperature	-20°C to +85°C
Humidity	10-90% RH.

### STANDARDS

Safety standards	UL, CUL, TUV, EN60950-1.
EMC	EN55022 Class B, EN61000-2-3, EN61000-4-2, -3, -4, -5, -6, -8, -11.

MODEL NUMBER	AC INLET IEC320	OUTPUT VOLTAGE	MAX CURRENT	POWER
F11503-A	C14/C6	22~24VDC	6.25~6.81A	150W
F11503-B	C14/C6	19~21VDC	7.14~7.89A	150W
F11503-C	C14/C6	16~18VDC	8.33~9.37A	150W
F11503-D	C14/C6	14~15VDC	10~10.7A	150W
F11503-E	C14/C6	12~13VDC	11.53~12.5A	150W

