

TR 20B Series 20W Switching Adapter



FEATURES

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Over Voltage Protection
- Conductive EMI Meets CISPR/FCC Class B
- High Efficiency at 75% Typical
- Green Power (Input power<0.75W at no load)
Meets "European Commission of Energy" 2003 year Phase 2

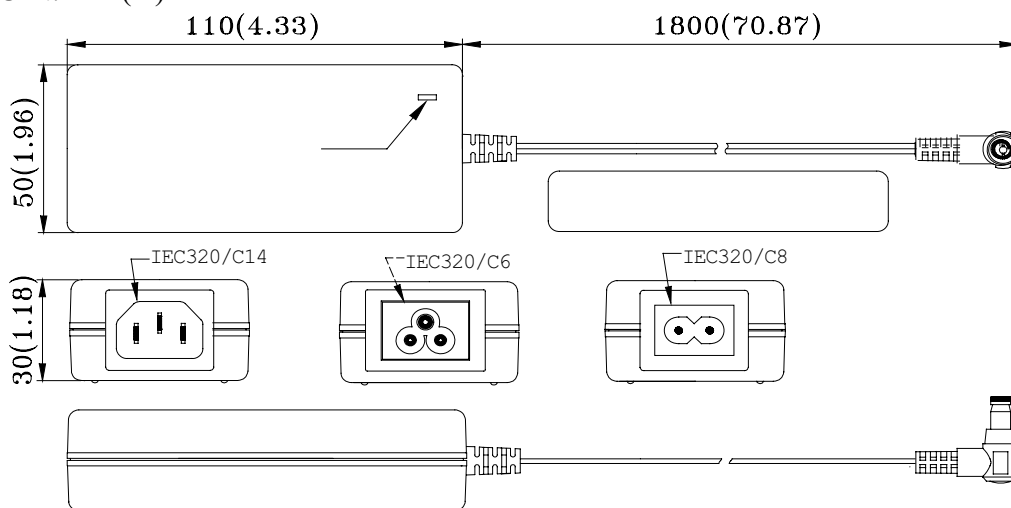
NOTE 1: Voltage accuracy is set at 60% full load,
 2: Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
 3: Line regulation is measured from 100Vac to 240Vac with full load.
 4: Load regulation is measured from 60% to 100% full load and from 60% to 20% full load (60% +/- 40% full load)

SPECIFICATIONS

■ Input Characteristics	
Voltage	90 ~ 264Vac
Frequency	47 to 63Hz
Input Current	0.6A max.
Inrush Current	50A max. @ 264VAC
Input power (No load)	0.75W max. @240VAC
■ Output Characteristics	
Hold-up Time	10mS typ. @ 115VAC
Short Circuit Protection	Continuous (Auto Recovery)
Over Voltage Protection	YES
■ Environmental Characteristics	
Operating Temperature	0 ~ 40°
Storage Temperature	-20 ~ 85°
■ Mechanical Outline	
Dimensions	110x50x30 mm(4.33x1.96x1.18 inches)
Weight	200g (0.44 Pounds)Typical
□ Typical at 25°, nominal line and 75% load, unless otherwise Specified.	
□ TR20BXXX =IEC320/C14 , TR20BXXXA=IEC320/C6 , TR20BXXXB=IEC320/C8	

Model	Output Voltage	Max. Load	Min. Load	Ripple & Noise	Voltage Accuracy	Line Regulation	Load Regulation
TR20B033	3.3 V	4500mA	0 V	50mVp-p	± 3%	± 1%	± 7%
TR20B050	5 V	4000mA	0 V	50mVp-p	± 2%	± 1%	± 6%
TR20B090	9 V	2300mA	0 V	90mVp-p	± 2%	± 1%	± 3%
TR20B120	12 V	1700mA	0 V	100mVp-p	± 2%	± 1%	± 2%
TR20B150	15 V	1400m A	0 V	100mVp-p	± 2%	± 1%	± 2%
TR20B180	18 V	1200m A	0 V	150mVp-p	± 2%	± 1%	± 2%
TR20B240	24 V	850mA	0 V	150mVp-p	± 2%	± 1%	± 2%

Unit: mm (in)



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