External Power Supplies

TR 20 Series

20W Switching Adapter

FEATURES

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class "B" Conducted
- High Efficiency at 70% Typical
- Design to Meet UL, CUL, TUV, CE

SPECIFICATIONS

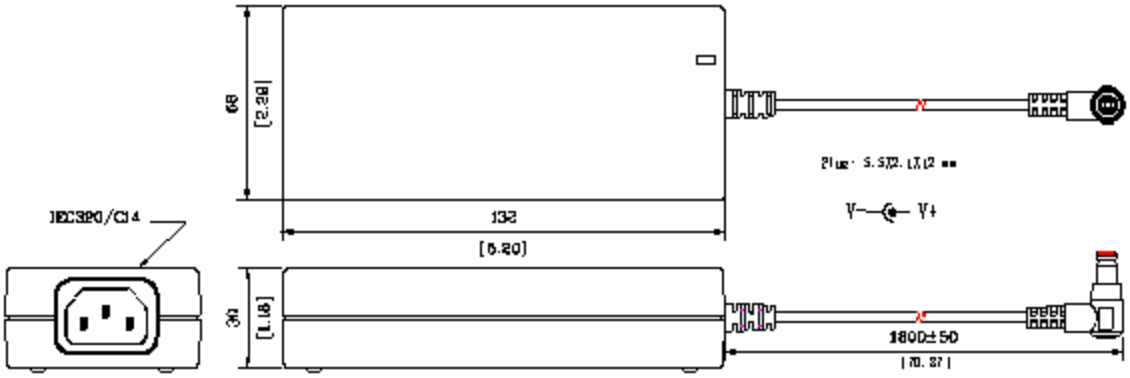
Input Characteristics	
Voltage	90 ~ 264Vac
Frequency	47 to 63Hz
Inrush Current	50A Max. @ 264Vac
Conducted EMI	CISPR/FCC Class B
Isolation	Input to output = 4,242Vdc
Leakage Current	1.5mA Max.
Output Characteristics	
Hold-up Time	8mS typ. @ 115Vac
Short Circuit Protection	Continuous
Over Voltage Protection	Option
Environmental Characteristics	
Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 85°C
Mechanical Outline	
Dimensions	132 x 58 x 30 mm

Typical at 25°C,nominal line and 75% load, unless otherwise specified.

Model	Output Voltage	Output Current	Ripple & Noise	Voltage Setpoint	Line Regulation	Load Regulation
TR20A05	5 V	4.0 A	1%	+/-2%	+/-1%	+/-6%
TR20A12	12 V	2.0 A	1%	+/-2%	+/-1%	+/-5%
TR20A48	48 V	0.42 A	1%	+/-2%	+/-1%	+/-2%

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

DRAWINGS



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