TR36 Series

36 WATTS SINGLE OUTPUT AC/DC GENERAL

Features

- **Wide input voltage 90VAC to 264VAC, 50/60Hz**
- **Continuous short circuit protection**
- **Output voltage available from 5VDC to 48VDC**
- **High efficiency 85% typical**
- **Meets EN55022 Class "B", conducted emissions**
- **MEPS compliance**



Specifications

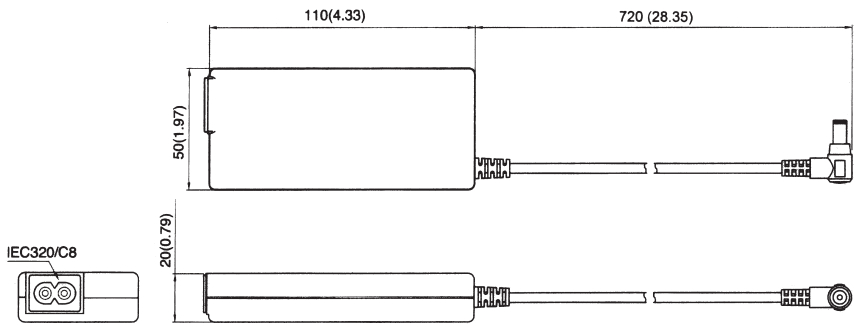
INPUT	
Voltage range	90 to 264Vac
Frequency	47Hz to 63Hz
Inrush current	50A max @ 264Vac
Isolation	Input to Output 4242Vdc
Leakage current	0.25mA max.
OUTPUT	
Output voltage	Factory preset, see table (not adjustable)
Voltage set-point	+/-2% (60% load)
Ripple and noise	1% p-p max
Short circuit protection	Continuous (Auto recovery)
Over voltage protection	Option
Hold-up time	8ms typ @ 115Vac
Load regulation	+/-2 to +/-6% (20% to 100% load)
Line regulation	+/-1% max at full load
ENVIRONMENTAL	
Operating temperature	0°C to +40°C
Storage temperature	-20°C to +85°C

STANDARDS AND APPROVALS	
Safety standards	NSW Office of Fair Trading Certificate of approval NSW19568, EN60950, IEC60950, AS/NZS60950
C-tick	AS/NZS CISPR 11:2002 Group 1,
EMI standards	Class B; Meets EN55022 class "B", conducted
RCM	Complies with AS/NZS 4417 Parts 1,2,3
MECHANICAL	
Dimensions	50x110x20mm
Weight	200g
AC inlet	IEC320/C8
Output connector	Right angle, hollow coaxial plug, 2.5mm inside diameter; 5.5mm outside diameter; 9.5mm length Center positive polarity.
DC cord length	720mm with ferrite core 18AWG/UL1185

Selection Table

MODEL NUMBER	RATED Vnom	OUTPUT CURRENT	MAX POWER
TR36A05-21A11	5Vdc	4.0A	20W
TR36A09-21A11	9Vdc	3.0A	27W
TR36A12-21A11	12Vdc	2.5A	30W
TR36A13-21A11	13.5Vdc	2.44A	32W
TR36A15-21A11	15Vdc	2.4A	36W
TR36A18-21A11	18Vdc	2.0A	36W
TR36A24-21A11	24Vdc	1.5A	36W
TR36A48-21A11	48Vdc	0.75A	36W

Technical Illustration



Note: MEPS compliance model number change to eg. TRG36A12-21A11. Available, OCT 2007.