TRUMPower

42 Watt, 1-2 Output Desktop Power Adapters

TRA42 Series

FEATURES

- **90 to 264 VAC universal input**
- **IEC 320/C14, C6, or C8 inlet**
- **Class I or class II insulation**
- **Single and dual outputs**
- **CEC efficiency level V compliance**

ELECTRICAL SPECIFICATIONS

Input Voltage.....90~264 VAC
Input Frequency.....47-63 Hz
Input Current.....1.2A (rms) Max.
Output Voltage.....See model list
Voltage Regulation.....Single Output ± 5% Max.
Dual Output: 3.3V ± 7% max, others ± 5% Max.
Output Wattage.....42W Max.
Output Protections.....OVP, OLP, short circuit protection
Withstand Voltage.....Class II: 3000 VAC, I/P-O/P
Class I: 4242 VDC, I/P-O/P; 2121 VDC , I/P-FG
Efficiency.....85% Min. @ fill load on single output models
75% Min. @ full load on dual output models
CEC Level V Compliance.....Single output models
Standby power @ no load....<0.5 W on single output models

ENVIRONMENTAL SPECIFICATIONS

Storage Temperature.....-20°C to +85°C
Operating Temperature.....-10°C to +50°C
Derating.....derate from 100% @40°C linearly to 75% @50°C
Operating Humidity.....20% to 90% RH non-condensing
MTBF.....100,000 hours minimum at full load
and 25°C ambient calculated per MIL-HDBK-217

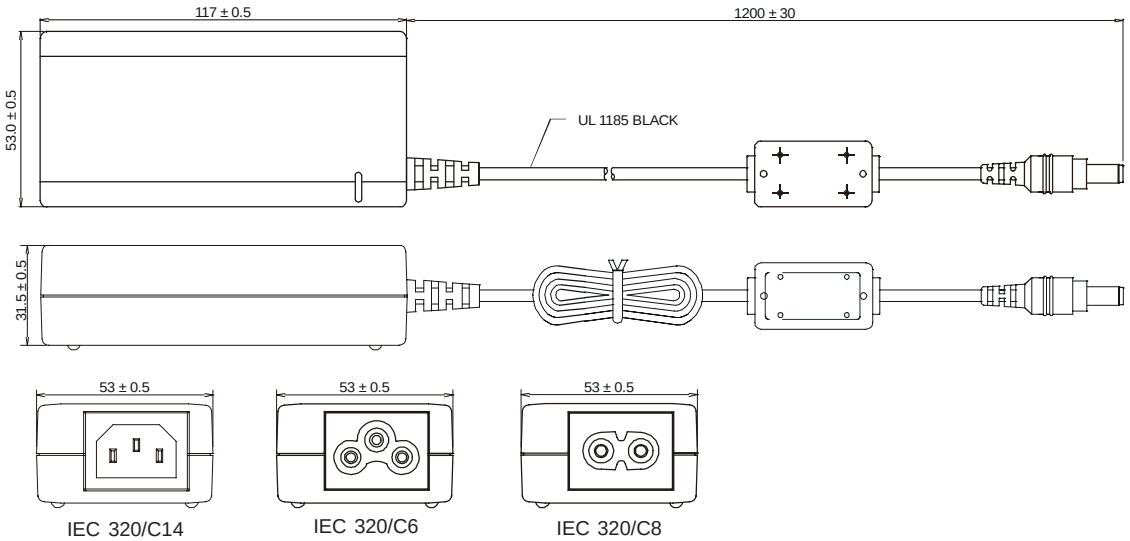
SAFETY & EMC SPECIFICATIONS

Safety Approvals.....IEC/UL/EN60950-1,CE, CB
EMC.....EN55022, CISPR22, FCC Part 15 Class B,
EN61000-3-2/-3, EN61000-4-2/-3/-4/-5/-6/-8/-11,
EN55024

*Part No.	Output #1		Output #2		*Max. Output (W)	CEC	LPS
	Voltage (V)	Current (A)	Voltage (V)	Current (A)			
TRA42-S12-xG	11-14	3.8-3.0	N/A	N/A	42	V	✓
TRA42-S15-xG	14-17	3.0-2.47	N/A	N/A	42	V	✓
TRA42-S18-xG	17-21	2.47-2.0	N/A	N/A	42	V	✓
TRA42-S24-xG	21-27	2.0-1.56	N/A	N/A	42	V	✓
TRA42-S30-xG	27-33	1.56-1.27	N/A	N/A	42	V	✓
TRA42-S36-xG	33-40	1.27-1.05	N/A	N/A	42	V	✓
TRA42-S48-xG	40-48	1.05-0.87	N/A	N/A	42	V	✓
TRA42-D01-x	3.3	0.3-3	5	0.3-3.0	25		
TRA42-D01A-x	3.3	0.4-4	5	0.4-2.4	25		
TRA42-D03-x	3.3	0.3-3	12	0.3-3.0	42		
TRA42-D03A-x	3.3	0.4-4	12	0.3-2.4	42		
TRA42-D07-x	3.3	0.3-3	24	0.2-1.5	42		
TRA42-D07A-x	3.3	0.4-4	24	0.2-1.2	42		
TRA42-D13-x	5	0.3-3	12	0.3-3.0	42		
TRA42-D13A-x	5	0.5-5	12	0.3-2.0	42		
TRA42-D13B-x	5.2	0.6-3	12	0.3-2.5	42		
TRA42-D13C-x	5.2	0.6-5	12	0.3-2.0	42		
TRA42-D17-x	5	0.3-3	24	0.2-1.5	42		
TRA42-D17A-x	5	0.5-5	24	0.2-1.0	42		

* AC Inlet Code: x = 4 for C14 (class I), x = 6 for C6 (class II), x = 8 for C8 (class I)
* On dual output models, each output can load to it's maximum current, however the total power shall not exceed the maximum allowable output wattage.
* Contact us for output connector options.

MECHNICAL SPECIFICATIONS



Tumbler Technologies + TRUMPower
3350 Scott Blvd., Bldg. 13, Santa Clara, California 95054, USA
Phone: 408-988-6616 ● Fax: 408-988-6622 ● email: sales@trumpower.com ● Website: www.TRUMPower.com