

TRA32 Series

FEATURES

- Universal input
- Class I & Class II insulation
- Single and dual output available
- Meet CEC regulation, efficiency level V or IV

SPECIFICATIONS

Input Voltage Range.....90~264VAC
 Input Current (rms).....1.0A Max.
 Withstand Voltage.....I/P-O/P: 3000 VAC (Class II)
 I/P-O/P(V+): 4242 VDC, I/P-FG: 2121 VDC (For Class I)
 Efficiency.....75% Min. @Full Load
 (Avg. Eff.) Compliance to CEC (For CEC Req. Models)
 Output Voltage.....See Model List
 Voltage Regulation.....Single Output $\pm 5\%$ Max.
 TRA32-S03-X $\pm 7\%$ Max.
 Dual Output 3.3V $\pm 7\%$ max, others $\pm 5\%$ Max.
 Standby Power.....<0.3W @ no load for CEC V compliant models
 Operating Temperature.....-10°C ~ +50°C
 Derating.....Derate from 100% @ 40°C linearly to 75% @ 50°C
 Storage Temperature.....-20°C ~ 85°C
 Operating Humidity.....20% to 90% RH
 Protections.....OVP, OLP, short circuit protection
 MTBF.....Calculated per MIL-HDBK-217F @ 25°C >100,000Hrs
 Standard Output Connector.....Barrel Plug
 Standard Output Cable/Length.....UL 1185 / 4 Ft.
 Safety Standards.....IEC/UL/EN60950-1, CE, CB
 EMC Standards.....(EN55022, CISPR22, FCC Part 15) Class B,
 EN6100-3-2, 3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024

All specifications are typical at nominal line, full load and 25°C ambient unless otherwise noted.



MODEL LIST

UL CB CE V TV FC LPS PSE

Product Number	Output #1		Output #2		Max. Watts	CEC*	LPS
	Vol. (V)	Current (A)	Vol. (V)	Current (A)			
TRA32-S03-x	3~5	6.67-4			20W		
TRA32-S05-xG	5~6	5-4.17			25W	V	
TRA32-S07-xG	6~8	5-3.75			30W	V	
TRA32-S09-xG	8~11	3.75-2.73			30W	V	V
TRA32-D01-x	3.3	0.2-2.5	5	0.3-2.4	20W		
TRA32-D13-x	5	0.2-2.5	12	0.3-2.5	32W		
TRA32-D17-x	5	0.2-2.5	24	0.2-1.25	32W		
TRA32-D03-x	3.3	0.2-2.5	12	0.3-2.5	32W		
TRA32-D07-x	3.3	0.2-2.5	24	0.2-1.25	32W		

* AC Inlet Code: x = 4 for IEC320 C14, x = 6 for IEC320 C6, x = 8 for IEC320 C8

* Models with CEC level V compliance are also compliant to ErP step 2, (or 1).

* On dual output models, each output can load to its maximum current, however the total power shall not exceed the maximum allowable output wattage.

* For single output models, please specify the output voltage when ordering.

Mechanical Drawing: (mm)

