

TRA150/TRA180 Series

FEATURES

- Universal input
- CEC IV compliant
- Over voltage protection
- Overload and short circuit protections
- High performance and low cost
- AC power switch
- Class I or Class II insulation



SPECIFICATIONS

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

Input Voltage Range.....	90~264VAC
Input Current (rms).....	2.3A Max.
Efficiency.....	85% typ. @ full load, vin=230V
Standby Power.....	< 0.5W @ no load for CEC compliant models
Output Voltage.....	See chart
Voltage Regulation.....	±5% ~ ±3%
Operating Temperature.....	-20°C ~ +70°C
Derating.....	Derate from 100% at 40°C linearly to 50% at 70°C
Storage Temperature.....	-20°C ~ 85°C
Operating Humidity.....	20% to 90% RH
Protections.....	OVP, OLP, SCP
Cooling	Convection-cooled
Safety Standards.....	IEC/UL/EN60950-1, CE, CB
EMI Standards.....	EN55022/CISPR22, BSMI, FCC class B
Standard Output Connector.....	4-pin power DIN
Standard Output Cable Length.....	4 Ft.

MODEL LIST



Product No.	Output Voltage	Output Current	Total Reg.	Ripple Noise	Max. Output	CEC
TRA150-12-X	12V	10.0A	±5%	±0.5%	120W	IV
TRA150-15-X	15V	8.0A	±5%	±0.5%	120W	IV
TRA150-24-X	24V	6.25A	±3%	±0.5%	150W	IV
TRA150-36-X	36V	4.16A	±3%	±0.5%	150W	IV
TRA150-48-X	48V	3.12A	±3%	±0.5%	150W	IV
TRA180-12-X	12V	12.5A	±5%	±0.5%	150W	IV
TRA180-15-X	15V	10.0A	±5%	±0.5%	150W	IV
TRA180-19-X	19V	7.89A	±5%	±0.5%	150W	IV
TRA180-24-X	24V	7.50A	±3%	±0.5%	180W	IV
TRA180-36-X	36V	5.00A	±3%	±0.5%	180W	IV
TRA180-48-X	48V	3.75A	±3%	±0.5%	180W	IV

*Add suffix "G" for CEC compliant models, e.g. TRA150-12-6G.

AC Inlet Type	Code X
IEC320/C14	4
IEC320/C6	6
IEC320/C8	8

Mechanical Drawing: (mm)

