

Global Power Solutions

Dimensions: 5.2 x 2.28 x 1.18"



FEATURES:

- Universal AC Input
- CEC Level IV Compliant
- Small & Light Weight Package
- Plastic (UL 94V-0) Rated Case
- 3 Prong IEC-320 C14 Inlet
- High Efficiency Operation, 85% Typical
- 2 Year Warranty

INPUT SPECIFICATIONS:

INPUT VOLTAGE	Universal AC input Range (90-264 VAC)
INPUT FREQUENCY	47-63 Hz
INRUSH	50A max @ 264VAC (cold start)
INPUT CURRENT	0.65A max 90VAC (continuous)
LEAKAGE	<500 μ A maximum @ 264 VAC
HOLD-UP	8ms typical, full load & 115VAC Operation
EFFICIENCY	82-85% Typical (depending on output model)
HARMONICS	EN61000-3-2, Class A Compliant

OUTPUT SPECIFICATIONS:

ADJUSTMENT RANGE	Fixed
MINIMUM LOAD	none required
REGULATION	$\pm 1\%$ Line (See Table for Load Regulation)
RIPPLE	$\pm 1\%$ pk-pk maximum (20MHz)
SETPOINT ACCURACY	$\pm \%$ (maximum)
OVER CURRENT	Continuous Short Circuit Protection
OVER VOLTAGE PROTECTION	115~150% of Vnom

DOWNLOADS:

Soft Copy of this Specification:
<http://www.powergatellc.com/pdfs/TRG45.pdf>

Detailed Specifications:
http://www.cincon.com/data/products/adcd2_1/TRG45.pdf

ENVIRONMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	0~45°C Full Load
STORAGE TEMPERATURE	-20°C ~ +85°C max.
COOLING	Convection Cooled
HUMIDITY	20~90%RH (non-condensing)
VIBRATION	10-55Hz, 2G, 3min period/60 min each (3axes)
SHOCK	20G Peak Acceleration
RELIABILITY	See Detailed Spec
WEIGHT	0.76

EMISSIONS:

ELECTROSTATIC DISCHARGE	EN61000-4-2, 4kV Contact / 8kV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 26-1000MHz, 10V/M, 80%AM
EFT / BURSTS	EN61000-4-4, 2kV
SURGES	EN61000-4-5, 2kV Earth, 1kV Line-Line
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%
VOLTAGE DIPS	EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3

STANDARDS:

SAFETY	UL/cUL 60950-1 TUV EN60950-1 CB Report IEC60950-1 CE Mark (LVD)
EMISSIONS	EN55022 Class B



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MODELS:

TRG45A120-11E03	12V	3.75A
TRG45A150-11E03	15V	3.0A
TRG45A180-11E03	18V	2.50A
TRG45A190-11E03	19V	2.37A
TRG45A240-11E03	24V	1.88A
TRG45A480-11E03	48V	1.00A

NOTE:

Load Regulation \pm 5%
Load Regulation \pm 3%
Load Regulation \pm 2%
Load Regulation \pm 2%
Load Regulation \pm 2%
Load Regulation \pm 2%

OUTLINE DRAWING:

