



Features:

- 10W Single Output - Regulated
- Output Range: 3.3V - 24VDC
- Input: 90 - 305VAC , 47 - 440Hz
- Low Standby Power <0.1W
- Height 20.0mm
- Fully Isolated Pri - Sec 4000Vrms
- EMC Compliant without external components
- Materials: UL94-V0
- Safety: UL/IEC/EN62368-1, EN60335-1, CE,

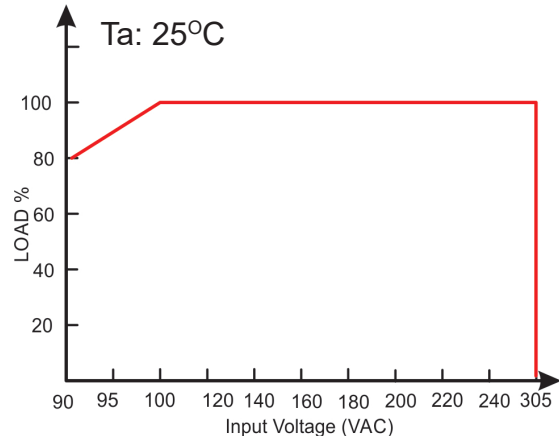
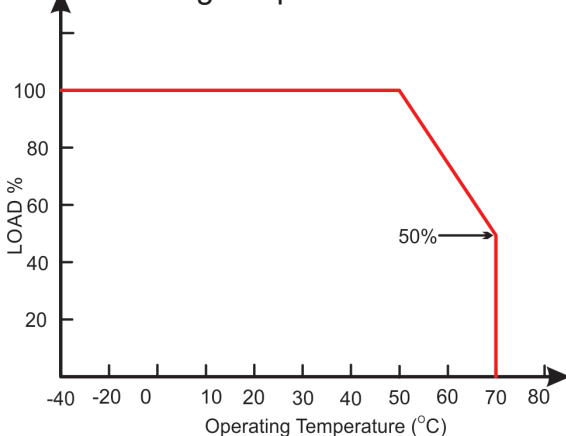
Part Number	Power Rating Watts	Output Voltage (Vdc)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Input Range
VTX-214-010-303	10	3.3	3000	70	>81%	90 - 305VAC (120-430VDC)
VTX-214-010-305	10	5	2000			
VTX-214-010-307	10	7.5	1330			
VTX-214-010-309	10	9	1110			
VTX-214-010-312	10	12	833			
VTX-214-010-315	10	15	667			
VTX-214-010-324	10	24	417			

Note: Other output voltages are available upon request.

Maximum Capacitive Load:

- 3.3/5V: 3500uF
- 12V: 700uF
- 15V: 390uF
- 24V: 180uF

Derating Graphs



Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements. The information contained in this document is subject to change without notice.

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Model: 10Watt		Specification
INPUT Pin 3: L Pin 4: N Pin 5: NC	Voltage Range	90 - 305VAC / 47 - 440Hz (120 ~ 430VDC)
	Current	230mA Max (115VAC) / 140mA Max (230VAC)
	Inrush Current	30A Max (115VAC) / 60A Max (230VAC)
	No Load power	0.1W
	Leakage Current	0.25 mA
OUTPUT Pin 1: VDC+ Pin 2: GND	Voltage Accuracy	+/- 2%
	Ripple	<1% Vout (Vp-p)
	Noise	<1% Vout (Vp-p)
	Efficiency	>81%
	Load Regulation	+/-1%
	Hold Up Time	30mSec Min.
	Minimum Load	0
Protection	Over Power	Hiccup mode
	Over Voltage	Zener Diode clamp
	Short Circuit Protection	Hiccup mode
Dielectric Isolation	Input to Output	4000Vrms, 2Sec Min.
Enviroment	Operating Temperature	-40°C - +70°C (With Derating)
	Storage Temperature	-40°C - +85°C
	MTBF	>450,000Hrs @ 25°C (MIL-HDBK-217F)
	Weight	35g
	Cooling Method	Free Air convection
Safety	Compliant Standards	UL/IEC/EN62368-1, EN60335-1 In progress
EMC	EMI	Compliance with EN55022 Class B
	EMS	Compliance with EN55035

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