



Features:

- 30W Single Output - Regulated
- Output Range: 5V - 24VDC
- Input: 90 - 264VAC , 47 - 63Hz
- Low Standby Power
- Fully Isolated Pri - Sec 3000Vrms
- 100% Full Burn-in Test
- LED Indicator DC On, DC Low

Part Number	Power Rating Watts	Output Voltage (Vdc)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Input Range
VTX-211-030-105	25	5	5000	70	>80%	90 - 264VAC
VTX-211-030-112	30	12	2500			
VTX-211-030-115	30	15	2000			
VTX-211-030-124	30	24	1300			
Note: Other output voltages are available upon request.						

Application:

- Process Control
- Factory Automation
- Traffic & Transportation System
- Industrial Applications

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: 30Watt		Specification			
Model		VTX-211-030-105	VTX-211-030-112	VTX-211-030-115	VTX-211-030-124
OUTPUT	Voltage DC	5V	12V	15V	24V
	Rated Power	25W	30W	30W	30W
	Rated Current	5A	2.5A	2.0A	1.30A
	Current Range	0 - 5.0A	0 - 2.5A	0 - 2.5A	0 - 1.30A
	Voltage Tolerance	1%	1%		1%
	Voltage Adj. Range	4.5V - 5.3V	11.6V - 12.3V	14.6V - 15.3V	23.5V - 24.5V
	Minimum Load	0	0	0	0
	Ripple / Noise Typical	32mV	42mV		46mV
	Line Regulation	1%	1%	1%	1%
	Load Regulation	1%	1%	1%	1%
	Rise Time (115VAC)	100mS	100mS	100mS	100mS
	Hold Up Time (115VAC)	20mS	20mS	20mS	20mS
	Note:	The ripple values are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with 0.1uF & 47uF parallel capacitor under ambient temperature 25°C at rated input voltage and rated load			
INPUT	Voltage Range	90 - 264VAC /	90 - 264VAC	90 - 264VAC	90 - 264VAC
	Input Frequency	47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz
	Efficiency	>78%	>83%	>85%	>87%
	Current	0.65A (115VAC) / 0.35A (230VAC)			
	Inrush Current	30A (115VAC) / 60A (230VAC)			
	Leakage Current	<0.25mA			
	No Load Power	1.0W			
Protection	Over Current	6A	4A	3A	2.2A
	Over Voltage	6.5V	16V	19V	30V
	Short Circuit Protection	Hiccup mode, it will recover automatically after fault condition is removed			
	Over Temperature	Over temperature protection value: 100±10°C			
	Surge Voltage (L - N)	2KV			
Dielectric Isolation	Isolation Voltage	I/P-O/P: 3KVac, I/P-FG: 1.5KVac, O/P-FG: 1.5KVac			
Enviroment	Operating Temperature	-25°C - +70°C (With Derating)			
	Operating Relative Humidity	Non Condensing 20 - 95%			
	Storage Temperature	-40°C - +85°C (Humidity 5 ~ 95% RH)			
	MTBF	>200,000Hrs @ 25°C (MIL-HDBK-217F)			
	Weight	250g			
	Cooling Method	Free Air Convection			
	Mounting	Vertical			
Safety	Compliant Standards	UL/IEC/EN60950-1			
EMC	EMI / EMS	EN 55022:2010+AC:2011 (CISPR 22:2008) ClassB EN 61000-3-2:2014 (IEC 61000-3-2:2014) EN 61000-3-3:2013 (IEC 61000-3-3:2013) EN 55024:2010 (CISPR 24:2010)			

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