

Project name :

Type:

QTY



◆ Feature

- .Constant voltage design
- .Universal AC input / Full range
- .Small dimension, High efficiency, High reliability, Long lifetime
- .Ip66 design for outdoor installation
- .Working temperature:-25°C~+50°C
- .Protections: Over temperature, Overload, Short-circuit, etc.
- .Typical efficiency: 91%
- .RoHS compliant 100% full load burn-in test.



SPECIFICATION		
Model Number		VD-24200D0710
Output	DC Voltage	24V
	Rated current	8.34A
	Current range	0-8.34A
	Rated power	200W
	Ripple and Noise(max.) Note4	240mVp-p
	Voltage tolerance Note3	± 2.0%
	Line regulation	± 0.5%
	Load regulation	± 1%
	Output groups	1
	Set up time Note6	2000ms, 50ms(at full load) 110Vac/230Vac
Holding time(Typ.)	15ms(at full load) 110Vac/ 230Vac	
Input	Voltage range Note 2	90~264Vac or 127~374Vdc
	Frequency range	47~63Hz
	Power factor(Typ.)	PF ≥ 0.50/110V(at full load) PF ≥ 0.45/230V(at full load)
	Efficiency(Typ.)	90%
	AC current	3.1A/110Vac 1.6A/230Vac
	Inrush current(Typ.)	Cold start: 60A/230Vac
	Leakage current	<0.75mA/240Vac
Protection	Over load	104%-120% of the rated output power Protection mode: constant current limiting, recovers automatically after the load reduced.
	Short circuit	Protection type: Hiccup mode, recovers automatically after fault conditions removed
	Over voltage	24.5-35.0V Protection type: Hiccup mode, recovers automatically after fault conditions removed
	Over temperature	Ta:55 °C~65 °C Protection type: Shut down O/P voltage, recovers automatically after temperature goes down.
Environment	Working temperature	-25°C~+50°C
	Working humidity	10%~90%RH, non-condensing
	Storage temp. and humidity	-25°C~+75°C, 5%~95%RH
	Temp. coefficient	± 0.05%/°C (0~50°C)
	Vibration	10-300Hz, 1G 10min./cycle, period for 60min. each along X, Y, Z axes
Safe and EMC	Safety standards	Compliance to UL8750, UL60950, Ip66 waterproof rating.
	Withstand voltage	I/P-O/P: 3.75KVAC I/P-FG: 1.875KVAC O/P-FG: 0.5KVAC
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25 °C/70%RH
	EMC Emission	/
	EMC Immunity	/
Others	MTBF	≥ 200Khrs, MIL-HDBK-217F(25°C)
	Dimension	245X95X50mm(L*W*H)
	Packing	1.9Kg/PCS, 10PCS/19Kg/box, (380X337X292mm)

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