

Model: OD25NA Series

Approvals : CE

25 Watts Dual output

Features:

Size : 101.6 * 50.8 * 30 mm (L*W*H)

- * Universal AC input 90~264Vac.
- * High efficiency design .
- * 2"*4" miniature size.
- * Operation from -20°C~50°C full load.
- * Protections: SCP / OVP / OLP .
- * Main electrolytic capacitors is used 105 °C



Specifications:

Model No.		OD25NA-1		OD25NA-2		OD25NA-3	
Output	Output Channel	V1	V2	V1	V2	V1	V2
	DC Voltage	3.3V	5V	5V	12V	5V	24V
	Rated Current Range	0~3A	0~3A	0~2.1A	0~1.2A	0~1.2A	0~0.8A
	Rated Maximum Power	9.9W	15W	10.5W	14.4W	6W	19.2W
	Total Output Power	25W		25W		25.2W	
	Ripple & Noise (max)	50mV	50mV	50mV	120mV	50mV	150mV
	Efficiency	70%		73%		80%	
	Voltage Tolerance	±2%	±4%	±2%	±4%	±2%	±4%
	Rise Time	<50ms at full load					
	Set up Time	<250ms at full load					
Hold Time	100ms/230Vac 16ms/115Vac at full load						
Input	Voltage Range	90 Vac ~ 264 Vac or 127~370VDC					
	Frequency Range	47 Hz ~ 63 Hz					
	AC Current	0.65A@110VAC / 0.4A@230VAC					
	Inrush Current	15A at 115VAC / 30A at 230 VAC COLD START					
	Leakage Current	<0.5mA / 240 Vac					
Protections	Over Load	over 110~130% output rating current by constant current mode . recovers automatically after fault condition has been removed.					
	Over Current	3.3~3.6A	3.3~3.6A	2.3~2.5A	1.3~1.4A	1.3~1.4A	0.88~0.96A
	Short Circuit	hiccup mode. recovers automatically after fault condition has been removed.					
	Over Voltage	3.8~4.5V	5.75~6.5V	5.75~6.5V	13.8~14.4V	5.75~6.5V	27.6~28.8V
Environment	Operation Temp.	-20°C~50°C full load , de-rating : 51~70 °C 2.5% / °C.					
	Operation Humidity	20% ~ 90% RH non-condensing.					
	Storage Temp.	-40 ~ +80°C					
	Storage Humidity	10% ~ 90% RH					
	Vibration	10 ~ 500 Hz, 2G 10 min. / 1 cycle, period for 60 min. each along X, Y, Z axes.					
Safety & EMC	Safety Standards	UL60950-1 , compliance.					
	Withstand Voltage	I/P - O/P: 3 K VAC I/P - FG: 1.5KVAC O/P - FG: 0.5KVAC					
	Isolation Resistance	>100M ohms / 500VDC at 25 °C.					
	EMI Conduction&Radiation	EN55022 class B, FCC part 15 / CISPR22 class B,					
	Harmonic Current	EN61000-3-2, -3					
EMS Immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11 Light industry level, criteria A						
Others	MTBF	280k hours min. MIL-HDBK-217F(25°C)					
	Dimension(L*W*H)	101.6*50.8*30mm					
	Packing(L*W*H)/Carton						
	Weight	0.15KG/PCS N.W: 15.4KG/Carton					
Remark	1. All specification measured at 230 vac input and 25 °C ambient . 2. Ripple & noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor.						