

HKS-400-12 (12V, 33A, 400W)

Features:

- High efficiency & reliability, cooling by air convection.
- Low temperature rising, energy saving & environmental protection.
- Built-in protective circuit for short circuit and over loading and over voltage.



Applications:

Suitable for indoor LED lightings

Technical Parameter Standard:

Model		HKS-400-12 (12V, 33A, 400W)
Output	DC Voltage	12V
	VoltageTolerance	±1%
	Rated Current	33A
	Current Range	0-33A
	Rated Power	396W
	Ripple &Noise	240mVp-p
	DC Voltage Adjustable Range	±10%
	Setup, Rise & Hold up time	1.5s, 50ms, 20ms
Input	Voltage Range	90~132VAC/180-264VAC switch option /47~63Hz; 254~370VDC
	AC Current	6.5A/115VAC, 4A/230VAC
	Efficiency	83%
	Inrush Current	Cold setup current 35A/115VAC, 60A/230VAC
	Leakage Current	<3.5mA/240VAC
Protection	Overload	105%~150% Protection type : output cut, recovers automatically after fault condition is removed
	Over Voltage	115%~135%
Environment	Working Temp. Humidity	-10°C~+50°C; 20%~90% RH
	Storage Temp. Humidity	-20°C~+85°C; 10%~95% RH
	Vibration	10~500Hz, 2G 10min./1cycle, period 60mins, each along with x,y,z axes
Safety	Withstand Voltage	I/P-O/P: 3KVAC; I/P-External Case: 1.5KVAC; O/P-External case: 0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100MOhms/500VDC
	Safety Standard	Comply with UL1012,1950
Others	Weight	2.3Kg
	Dimension	215*115*50mm (L*W*H)

Non function criteria and remark:

Non-function	External appearance	1. Surface without stains, scratch, resin and deformation. 2. Cables accord with label. 3. Clear date code
	Mark	Correct label, neat, no folding line
	Others	Manual and other related data are well found.
Remarks	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C, 70% RH	
	2. Tolerance: includes set up tolerance, line regulation and load regulation (remark 5).	
	3. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.	
	4. Line regulation is measured from low line to high line at rated load.	
	5. Load regulation is measured from 0% to 100% rated load.	
	6. C3,C4, C41 must be removed.	

Installation Dimension:

