

SPECIFICATION

E Series

ETL Class 2 Metal Case LED Driver

MODEL NO.: KS-ECA96W24-W

DESIGN NO.: 6093W

Version No.: 001



■ Features

- Universal AC input voltage 100-120VAC & 200-240VAC
- Efficiency up to 91%, PF $\geq$ 0.95
- Constant voltage mode 12V/24V DC Output
- Super compact metal case
- Integrated junction box for hardwired installation
- Protection: SCP,OCP,OTP,OVP
- ETL,cETL, CE, RoHS
- Environmental: Suitable for dry location use, IP20
- Wiring compartments with knock-outs for clean and easy installation
- 3 years warranty
- Applications : Suitable for LED lighting & moving sign and other applications

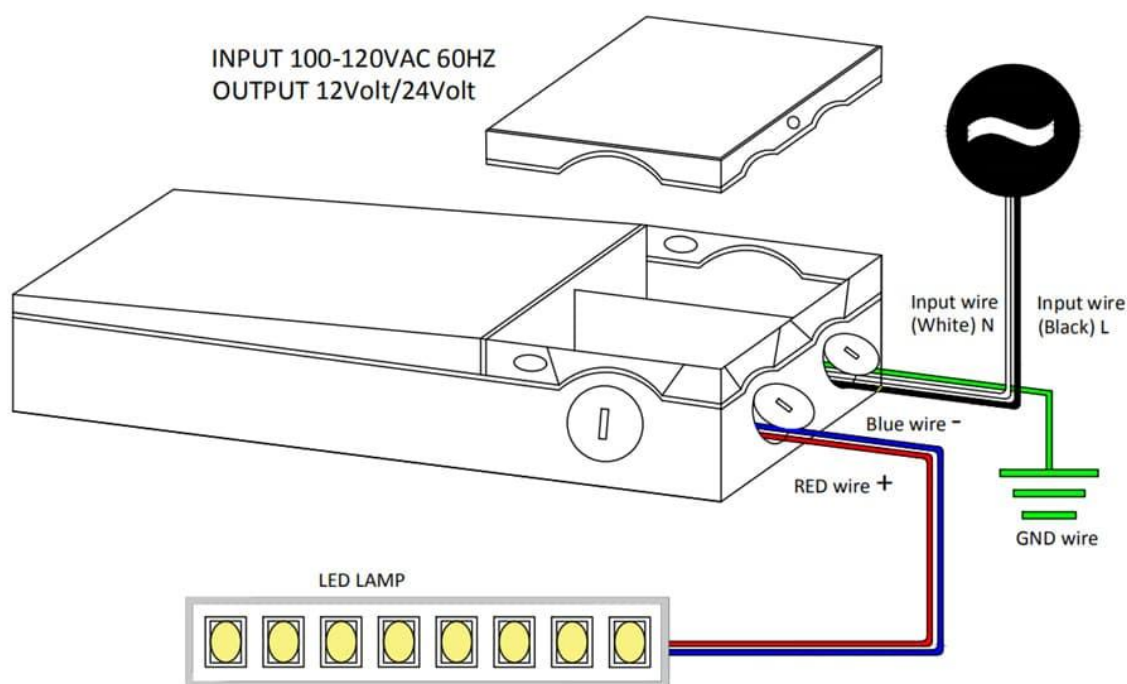
24VDC**CLASS 2 CLASS P SELV PFC CE IP20**

KS-ECA96W24-W KSPower - E series 96 Watt non dimmable led driver is an extremely compact constant voltage single channel, accept AC input voltage range from 120V or 240V with junction box. which is compatible with a single color or RGB light strip, string light, Strip lighting, linear lighting/tube lighting. The class 2 led power transformer use low profile metal iron case, featuring Class 2 Class P design and safety protections for indoor use, led driver provide 3 years warranty and outstanding led performance.

■ Specification

MODEL		■ KS-ECA96W24-W	
OUTPUT	Output Voltage	24V	
	Rated current	4A	
	Rated power	96W	
	Ripple & Noise (max.)	250mVp-p	
	Voltage Tolerance	±0.5V	
	Voltage Regulation	±0.5%	
	Load Regulation	±1%	
INPUT	Voltage range		100 ~ 130VAC&200~240VAC
	Frequency range		47 ~ 63Hz
	Power factor		≥0.95
	THD (Typ.) @ full load		THD < 20%
	Efficiency	Vin: 110VAC	≥ 91%
		Vin: 240VAC	≥ 89%
	AC current		0.3A
	Inrush current		<60A/350uS@230Vac
Protection	Leakage current		<0.50mA
	Short Circuit		shut down o/p voltage, re-power on to recover after fault condition removed
	Over temperature		Turn off the output voltage, restart and resume
Environment	Over Loading		≤120% Hiccup mode,recovers automatically after fault condition is removed
	Working Temp		-30~+50°C
	Working Humidity		20 ~ 95% RH, non-condensing
Safety& EMC	Storage Temp.,Humidity		-40 ~ +80°C, 10 ~ 95% RH
	Surge Rating		Meet standards of IEC61000-4-5 (L-N:1KV; L/N-PG:2KV)
	Hi-pot test		I/P-O/P: 3.75KVac, <5mA 60S; I/P-FG: 1.6KVac, <5mA 60S; O/P-FG: 0.5KVac, <5mA 60S
	Isolation resistance		I/P-O/P, I/P-FG, O/P-FG: 500VDC, >100MΩ
		Certificates	ETL,cETL, CE, RoHS

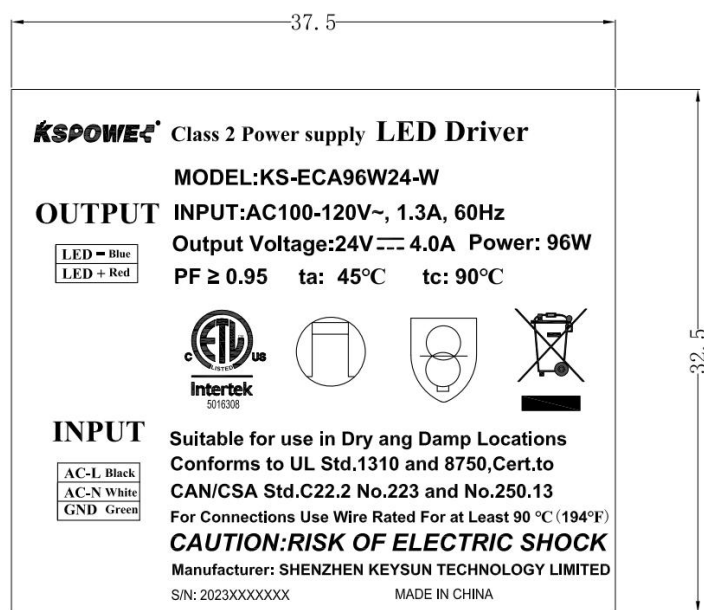
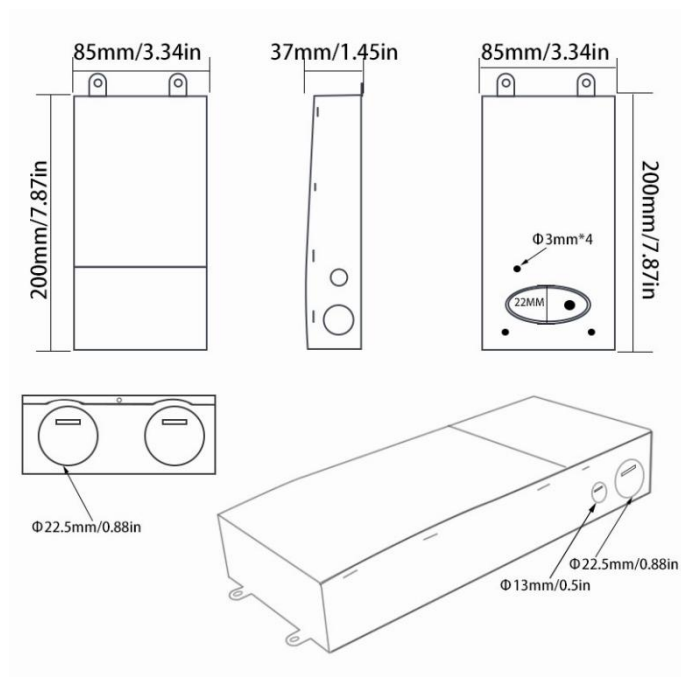
■ Connect Drawing



Warning:

- ※ This driver should be installed by qualified and professional person;
- ※ Suitable for indoor use without direct sunlight exposure; Good ventilation are need;
- ※ Ensure that wiring is correct before test in order to avoid light damage;
- ※ If driver cannot work normally, don't maintain privately; Have any questions, please contact "Keysun" .

■ Mechanical Specification & Label



■ Package Information

Small box: 39*90*213mm; Carton: 440*410*205mm; Quantity: 40pcs/ctn; G.W: 22KG/ctn.