

KS 5V DISPLAY SCREEN DRIVER

5V 100W- 300W



* LED Signage and Displays,
LED Pixel lighting,
LED video wall, LED Module

FEATURE

- ◎ Input voltage range: AC 200-240V and 110-240V
- ◎ Stable Output Voltage, Low Ripple and Noise
- ◎ Can use for indoor outdoor display screen
- ◎ Ultra thin and slim design, easy install for different kind place
- ◎ Intelligent chip control, over voltage, over current, short
- ◎ All 100% new component, aging test and full load

PRODUCT PARAMETERS

CE FC CQC SAA RoHS

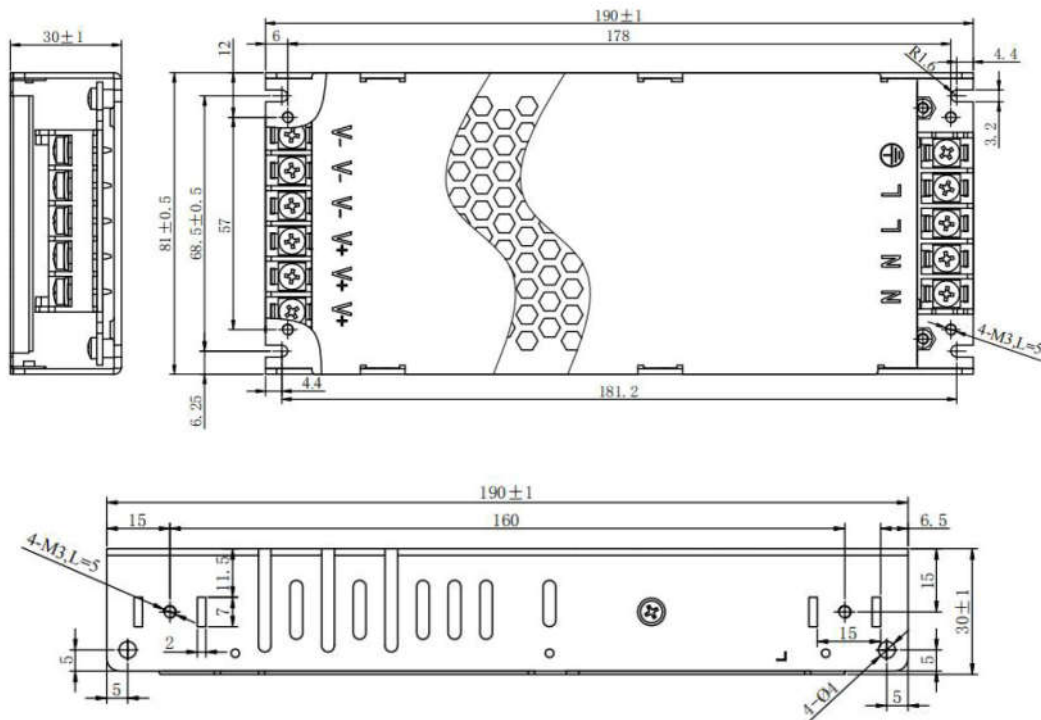
Model	Pout	Vin	Vout	Iout	Effi	IP	Size(mm)	Pcs/Ctn
KS-100-5HA	100W	200-240V AC	DC5V	20A	93%	IP20	180*50*23	90
KS-200-5HA	200W	200-240V AC	DC5V	40A	93%	IP20	199*81*30	40
KS-200-5HB	200W	200-240V AC	DC5V	40A	93%	IP20	199*81*30	40
KS-200-5HC	200W	100-240V AC	DC5V	40A	93%	Ip20	199*81*30	40
KS-300-5HA	300W	200-240V AC	DC5V	60A	90%	Ip20	199*81*30	40
KS-300-5HC	300W	200-240V AC	DC5V	60A	93%	IP20	220*81*30	40

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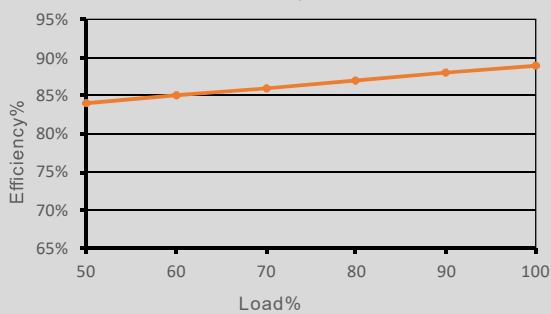
KS 5V DISPLAY SCREEN DRIVER

5V 100W- 300W

Model		KS-200-5HA	KS-200-5HB
OUTPUT	DC voltage	5V	5V
	Rated current	40A	40A
	Cuttent range	0-40.0A	0-40.0A
	Rated output power	200W	200W
	Ripples and noise	≤200mVp-p	≤200mVp-p
	Output voltage range	5VDC±0.5VDC	5VDC±0.5VDC
	Precision of output voltage regulation	±0.5%	±0.5%
	Rate of lenear adjustment	±0.5%	±0.5%
	Load adjustment rate	±0.5%	±0.5%
	The startup time	≤2s/230VAC	
INPUT	Keep time	10ms/230VAC	
	Voltage range	176-264VAC	
	Frequency range	50/60Hz	
	Power factor	PF≥0.8/230VAC	
	Efficiency	≥89%	≥91%
	Alternating current	3.4A/230VAC	
	Surge current	50A/230VAC	
	Leakage current	<5mA/230VAC	
PROTECTION	Overload	110%-140%: rated 110%-140% of the total power input protection mode:Auto recovery mode,the system automatically recovers when abnormal load conditions are removed	
	Short circuit	protection mode:Auto recovery mode,the system automatically recovers when abnormal load conditions are removed	
	Over voltage	protection mode:self-recovery mode,automatic recovery when the overvoltage is removed	
	Over temperature	protection mode:self-recovery mode,automatically recover when the temperature drops	
ENVIRONMEN		working temperature	-35~+50°C
		working humidity	20-90% RH
		storage temperature;humidity	-30~+85°C; 10~95% RH
		temperature coefficient	±0.1%/°C(0-35°C)
		resistance to vibration	10-500Hz, 3G 10min. / 1 cycle, 60 min. each axes
SAFETY&EMC		safety norms	EN60950 , GB4943.1 -2011
		withstand voltage	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
		insulation impedance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
		EMC	--
other		protection grade	IP20
		MTBF	≥30khour 25°C
		power supply size	L199*W81*H30mm
		power supply weight	325g
NOTE		1.Unless otherwise specified , all specification are measured at an input of 230VAC,rarted negative cut,and ambient temperature of 25°C	
		2.Ripple and noise measurement method:the measured end is connected in parallel with a 0.1uF+10uF capacitor,the oscilloscope is set to 20MHZ bandwidth,and the probe is tested with cap off and full load at 25°C	
		3.Accuracy :includes setting error , linear adjustment rate and load adjustment rate .	
		4. The output power is reduced when the input voltage is less than 200VAC.	

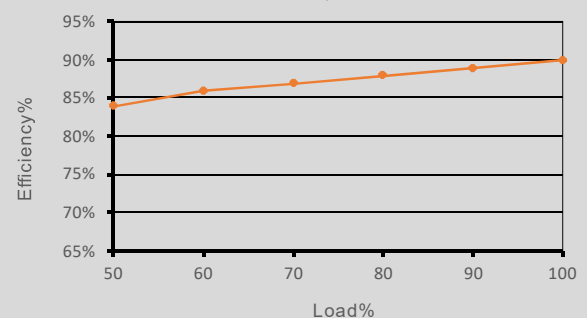


Efficiency vs Load



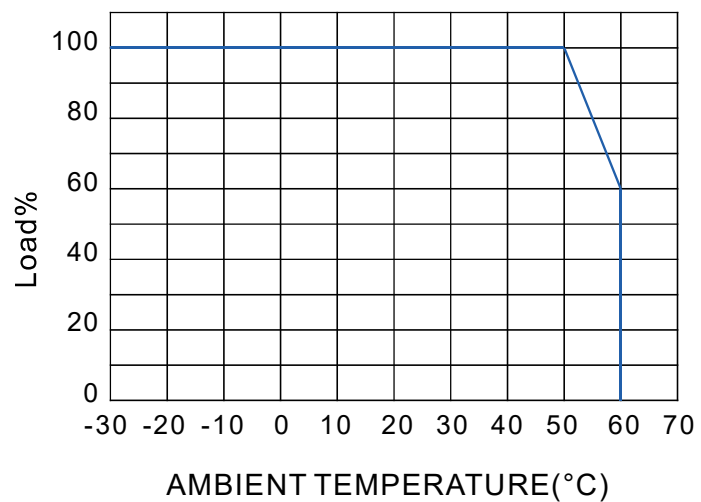
KS-200-5HA

Efficiency vs Load



KS-200-5HB

Temperature load curve



Packaging Information

DIMENSION	199*81*30(LxWxH)
PACKING	PE BAG PACKAGE
PCS/CTN	40/50pcs
CARTON SIZE	510*320*245(LxWxH)
WEIGHT	380g±10g/PCS

