

US series - Listed
Ultrathin constant voltage output



HJA30-12VF(UN)-1L HJA30-24VF(UN)-1L

Product Description

- Input voltage(100-120VAC)
- Constant voltage LED Driver
- Input use AC inlet and output use DC jack or socket for quick connection
- Input interconnect additional up to maximum 24 drivers
- Fast start-up time $\leq 0.5s$
- No load power consumption $\leq 0.3W$
- Class2 output
- Efficiency: 85.6% (120Vac)
- Open Circuit, Short Circuit, Over Load and Over Temperature protection

Safety & EMC Standard

- UL 1310
- UL 8750
- FCC 15B

Application

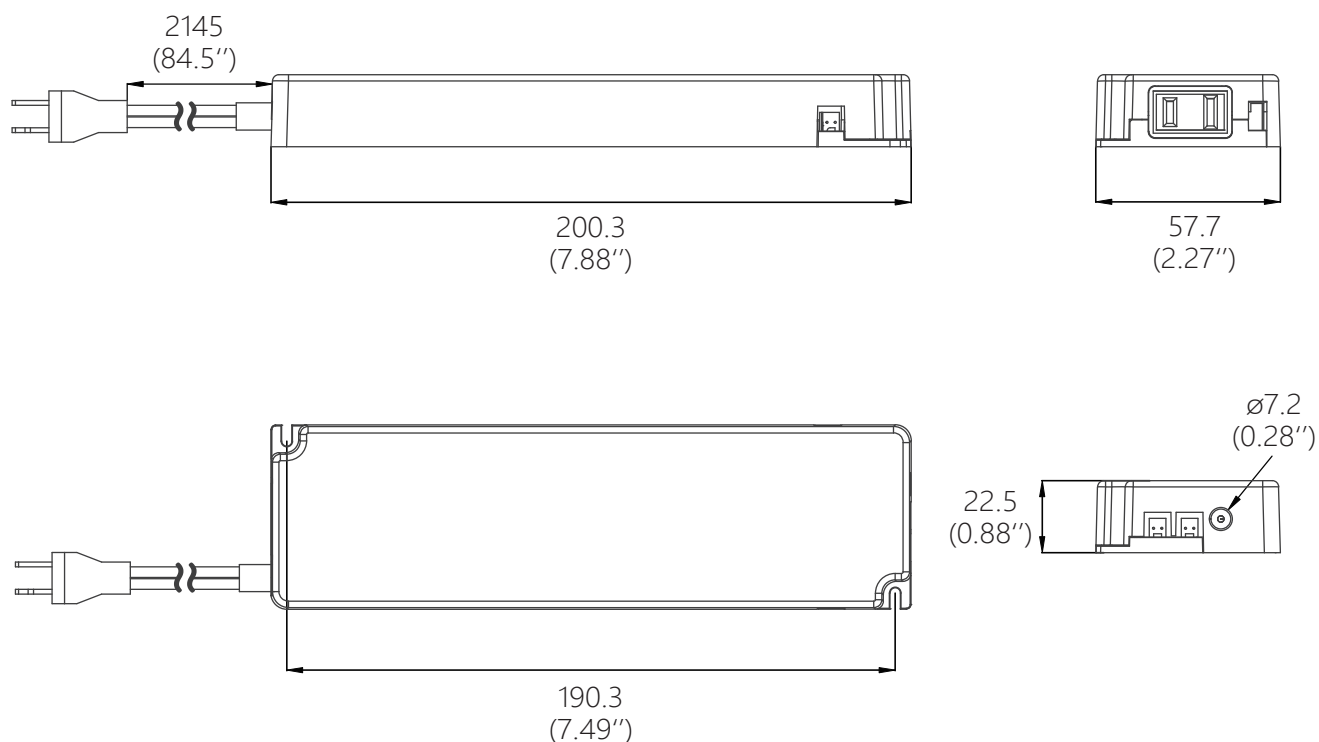
- Indoor Lighting
- Cabinet lighting
- Display lighting



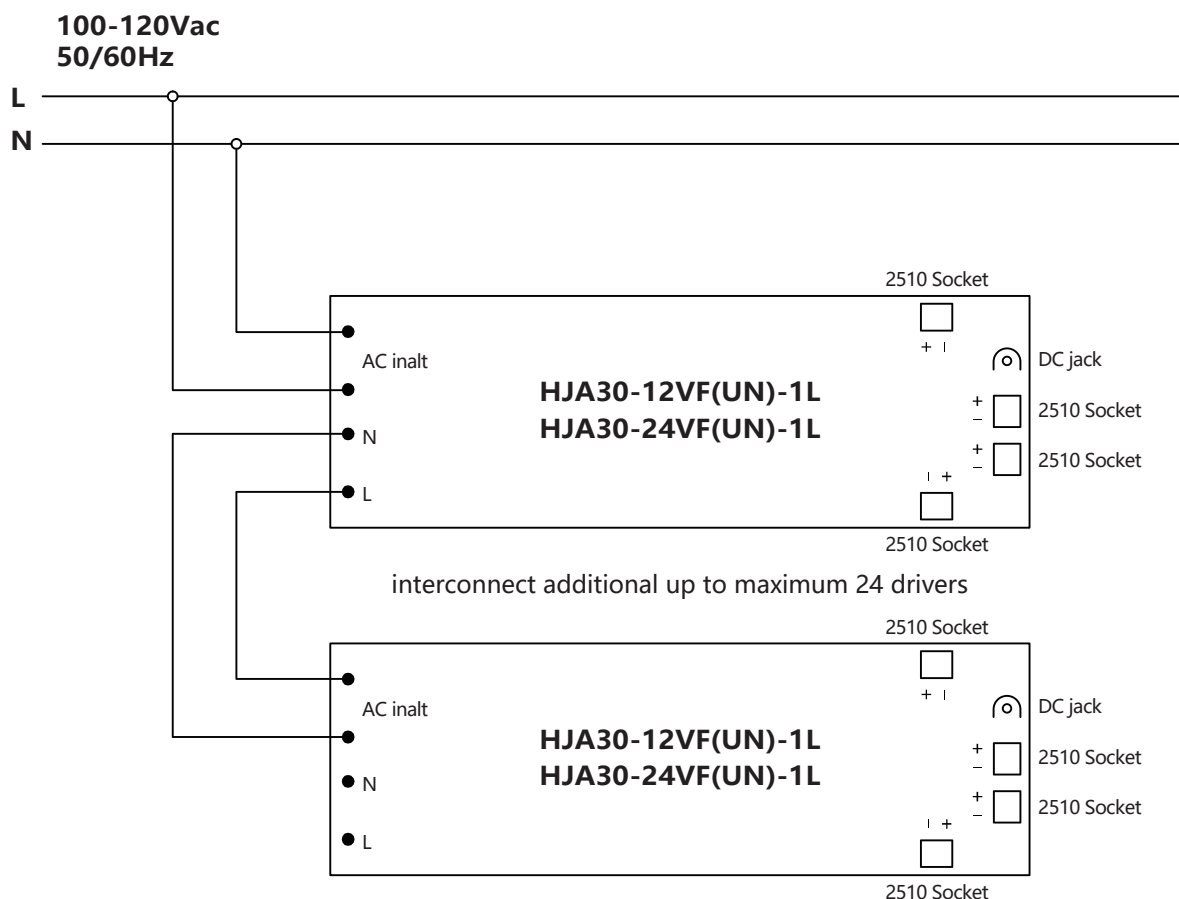
Technical data

Model		HJA30-12VF(UN)-1L	HJA30-24VF(UN)-1L
Input	Rated supply voltage(Vac)	100-120	100-120
	Voltage range(Vac)	90-132	90-132
	Line frequency(Hz)	50/60	50/60
	Input current(mA)	330	330
	Efficiency with full load	84.3%	85.6%
	Power factor(at 120V 60HZ,full load)	0.95	0.95
	Displacement factor(DF) (at 120V 60HZ,full load)	0.95	0.95
	Total harmonic distortion(at 120V 60HZ,full load)	<5%	<5%
	No load power consumption(W)	<0.20	<0.20
	Inrush current(peak/duration)	4.0A 650us	4.0A 650us
Output	Turn on time(S)	<0.5	<0.5
	Output power(W)	30	30
	Output votage(V)	12	24
	Output voltage tolerance	±5%	±5%
	Ripple voltage(Vpp)(mV)	400	200
	Output current range(A)	0-2.5	0-1.25
	Max. output voltage(V)	13	25
	Isolation output to input	SELV	SELV
	Dimming interface	N/A	N/A
	Dimming range	N/A	N/A
Protection	Over load protection	Y	Y
	Over temperature protection	Y	Y
	Short circuit protection	Y	Y
	Open circuit protection	Y	Y
	Automatic restart after restore	Y	Y
Ambient and life	Ambient temperature in normal working Ta(°C)	-20...+45	-20...+45
	Max. casing temperature Tc(°C)	90	90
	Nominal life-time(hrs)	50'000@TC=85°C	50'000@TC=85°C
	Failure rate	0.1%/1000h	0.1%/1000h
	Guarantee(Years)	5	5
	Storage Temperature(°C)	-30...+80	
	Ambient humidity range	5%...85%RH , Not condensing	
Others	Weight(gram)	420	
	Housing material	PC	
	Housing colour	White	
	Waterproof rating	IP20	

Dimension(mm/in)



Wiring diagram



Sales & Technical support

Ningbo Technic Lighting Co., Ltd.

- Tel: 86-574-62795971 , 62795972 , 62795970
- E-mail: Sales@technic-lighting.com
- Fax: 86-574-62795975 , 62519809
- Web: [Http://www.technic-lighting.com](http://www.technic-lighting.com)
- Add: No. 8, CaiYuan Road, Lizhou Street, Yuyao, Zhejiang