

US series - Listed
Ultrathin constant voltage output



HJA60-12VF(UN)-1L HJA75-24VF(UN)-1L

Product Description

- Input voltage(100-120VAC)
- Independent constant voltage LED Driver
- Input use AC inlet and output use DC jack or socket for quick connection
- Input interconnect additional up to maximum 10 drivers
- Fast start-up time $\leq 0.5s$
- No load power consumption $\leq 0.5W$
- Class2 output
- Protection class II, SELV output
- High efficiency, Up to 89% (120Vac)

Safety & EMC Standard

- UL 1310
- UL 8750
- FCC 15B

Application

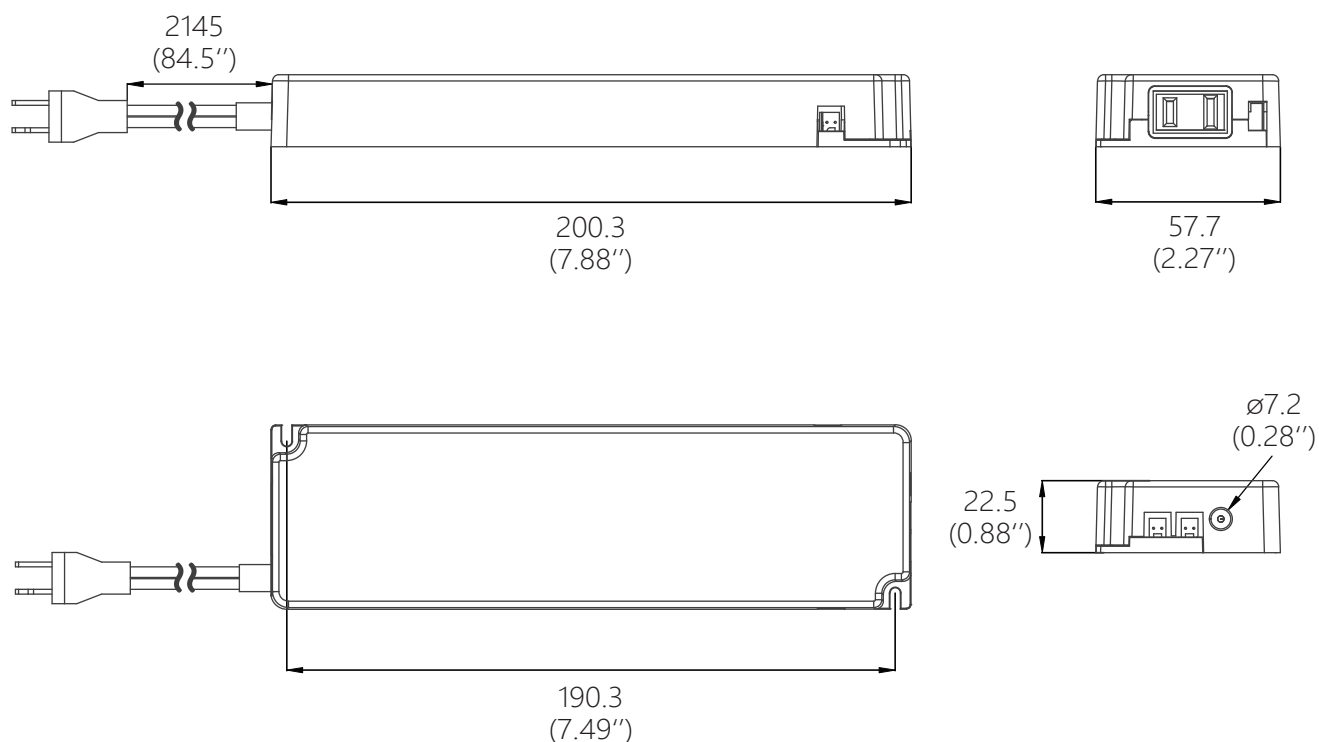
- Indoor Lighting
- Cabinet lighting
- Display lighting



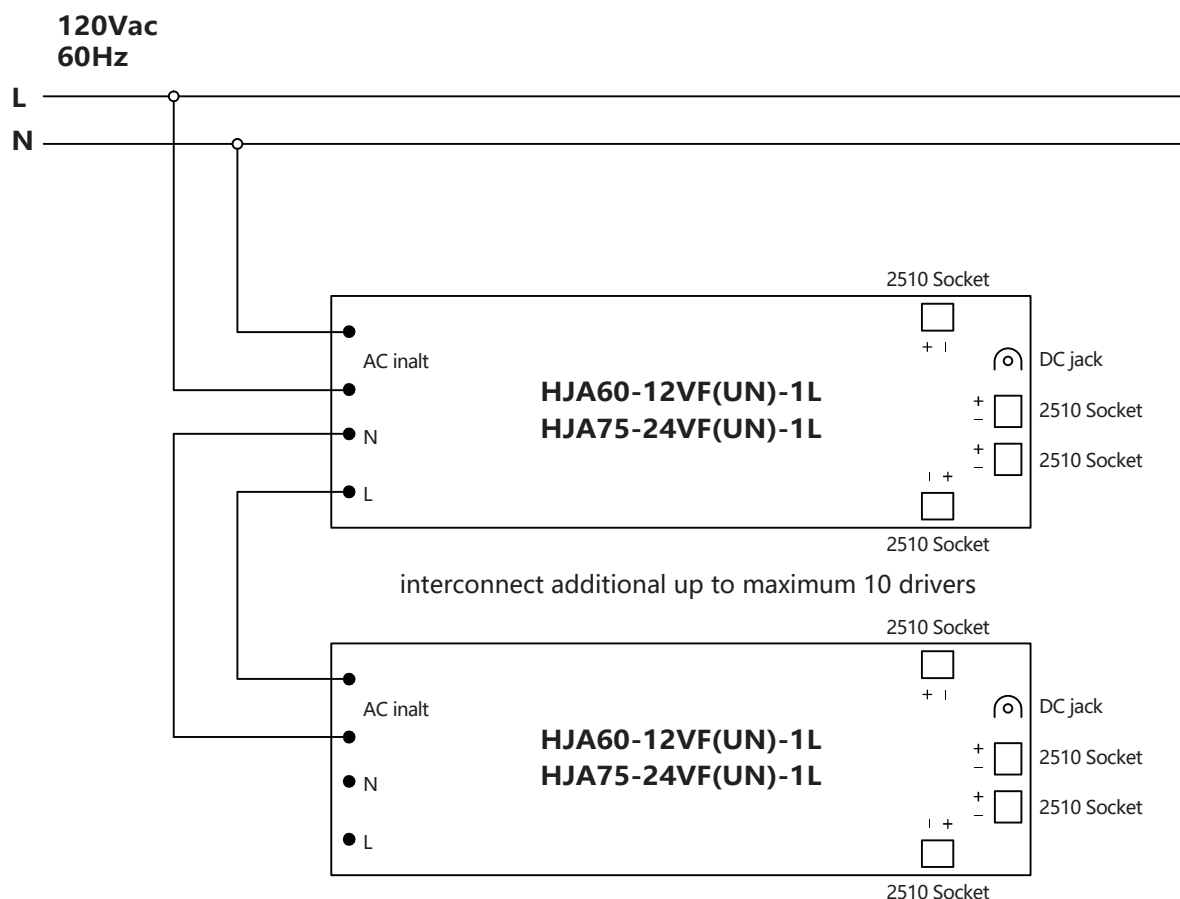
Technical data

Model		HJA60-12VF(UN)-1L	HJA75-24VF(UN)-1L
Input	Rated supply voltage(Vac)	120	120
	Voltage range(Vac)	108-132	108-132
	Line frequency(Hz)	60	60
	Input current(mA)	600	800
	Efficiency with full load	88%	89%
	Power factor(at 120V,240V,50Hz,full load)	0.95	0.95
	Displacement factor(DF) (at 120V,240V,50Hz,full load)	0.95	0.95
	Total harmonic distortion(at 120V,240V,50Hz,full load)	<10%	<10%
	No load power consumption(W)	<0.5	<0.5
	Inrush current(peak/duration)	3A 5ms	3A 5ms
Output	Turn on time(S)	<0.5	<0.5
	Output power(W)	60	75
	Output votage(V)	12	24
	Output voltage tolerance	±5%	±5%
	Ripple voltage(Vpp)(mV)	250	400
	Output current range (A)	0-5.0	0-3.12
	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

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