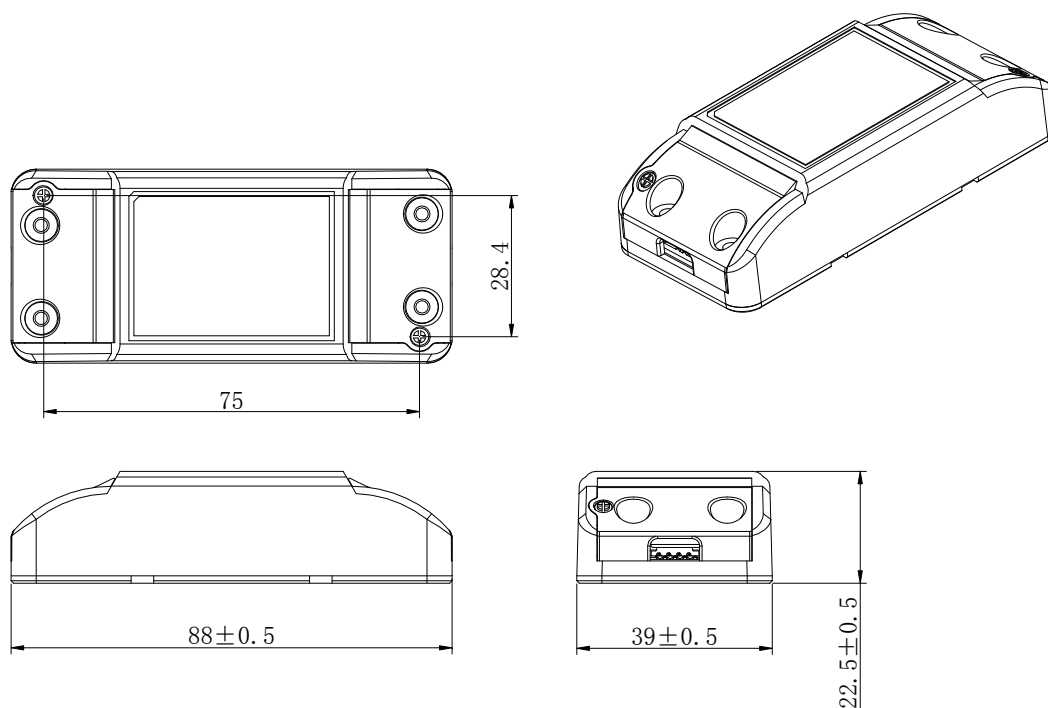


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Input	Rated input voltage	220-240VAC					
	Range of input voltage	176-264VAC					
	Frequency(Hz)	50/60 Hz					
	Power Factor	≥0.9@220-240VAC					
	Input Current max	0.09A MAX. @Full Load,176VAC					
	Start-up time	<0.5S					
	Unload Power Consumption	≤0.3W					
	Inrush Current(peak/duration)	4.06A Max/59.2 us. @ 240Vac input, 25℃ cold start, 10%Ipk-10%Ipk.					
	THD	35% Typ. @ 240Vac, Full Load.					
	Leakage Current	<0.5mA(240VAC)					
Output	Constant Current Note.3	200mA	300mA	350mA	500mA	...	600mA
	Unload voltage Max.	72VDC	48VDC	42VDC	32VDC	...	28VDC
	Voltage Range(VDC)	40-60VDC	20-40VDC	21-35VDC	14-24VDC	...	14-20VDC
	Rated load	12W Max.	12W Max.	12.3W Max.	12W Max.	...	12 W Max.
	Current Accuracy	±5%					
	Voltage Regulation	≤3% @Full Load					
	Load Regulation	≤3%					
	Hold-up Time	1s max.@Full Load					
	Ripple& Noise Note.2	<20mAp-p	<30mAp-p	<35mAp-p	<50mAp-p	...	<60mAp-p
	Efficiency	≥85%	≥84%	≥84%	≥83%		≥82%
Protection	Over Load Protection	105-120%					
		Protection type: Auto Resume					
	Over Voltage Protection	>72VDC	>48VDC	>42VDC	>32VDC	...	>28VDC
		Protection type: Auto Resume					
	Short circuit Protection	Protection type: Auto Resume					
Environment	Operating Temperature	-10℃...+50℃					
	tc	80℃					
	Storage Temperature	-20℃...+60℃					
	Humidity	10%-90%RH					
	Life time	>30,000h @50℃					
Others	Dimension	88X39X22.5(LXWXH)mm					
Safety & EMC	Safety standards	EN 61347-1; EN61347-2-13; EN62493					
	Withstand voltage	Input-Output: 3750V/5mA/1min					
	Isolation resistance	Input-Output: ≥4MΩ@500VDC					
	EMI	EN55015; EN61000-3-2 Class C; EN61000-3-3					
	EMS	EN 61547;EN 61000-4-2 — Performance Criteria B; EN 61000-4-5 —1000V; Performance Criteria C					
Note	1.All parameters NOT specially mentioned are measured at 240VAC input , rated load and 25℃ of ambient temperature. 2.Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor. 3.Output current can be from 200mA to 600mA and increasing in multiples of 50mA. Please see Model list below and contact EAGLERISE for details.						

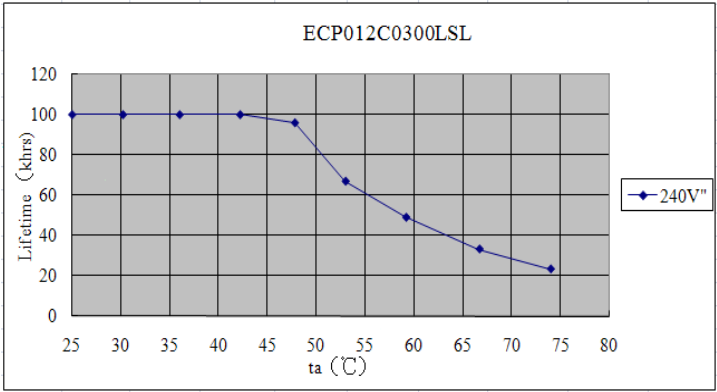
MECHANICAL SPECIFICATIONS



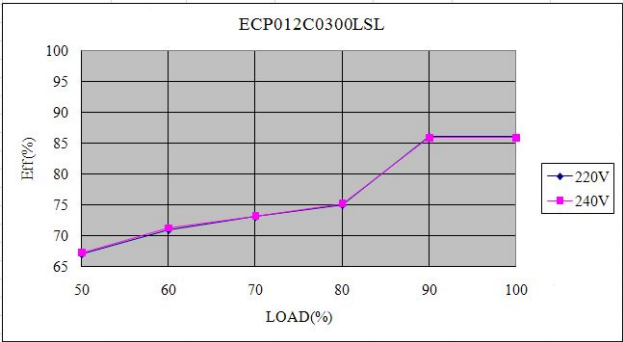
Model list:

Model	Input			Output			Prated
	Voltage (VAC)	Current (A)	Frequency (Hz)	Constant current (mA)	Normal working voltage (VDC)	No load working voltage (VDC)	
ECP012C0200LSL	220-240	0.09	50/60	200	40-60	72	12
ECP012C0250LSL	220-240	0.09	50/60	250	28-48	58	12
ECP012C0300LSL	220-240	0.09	50/60	300	20-40	48	12
ECP012C0350LSL	220-240	0.09	50/60	350	21-35	42	12.3
ECP012C0400LSL	220-240	0.09	50/60	400	18-30	38	12
ECP012C0450LSL	220-240	0.09	50/60	450	16-27	35	12.2
ECP012C0500LSL	220-240	0.09	50/60	500	14-24	32	12
ECP012C0550LSL	220-240	0.09	50/60	550	13-22	30	12.1
ECP012C0600LSL	220-240	0.09	50/60	600	14-20	28	12

Lifetime vs. Ambient Temperature Curve



Efficiency vs. Load



Power Factor Characteristics

