

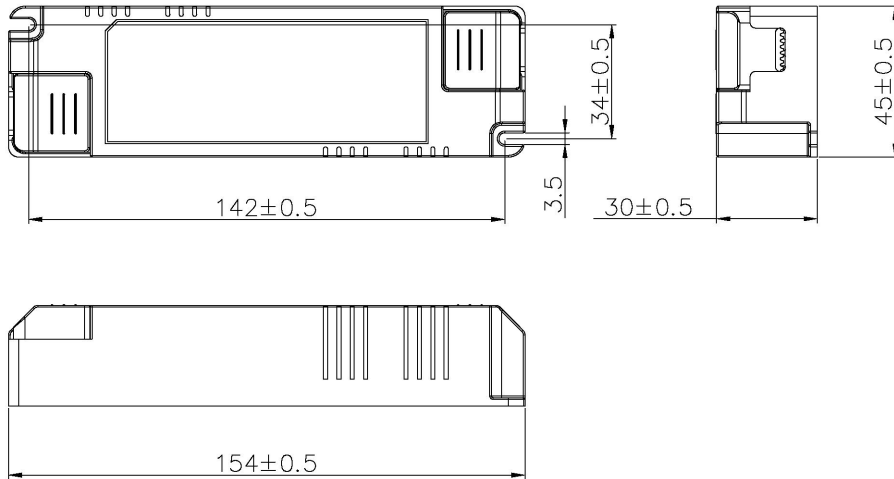
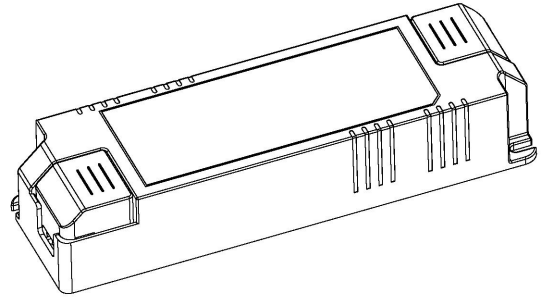
- ▲ Input Voltage 220-240VAC
- ▲ Protections: short circuit/over load/over voltage
- ▲ IP20 Ingress protection
- ▲ Power Factor 0.95
- ▲ Efficiency $\geq 89\%$
- ▲ Class II, SELV, independent
- ▲ Flicker-free design
- ▲ 3 years warranty



SPECIFICATION

Input	Rated input voltage	220-240VAC				
	Range of input voltage	176-264VAC & 176-280VDC				
	Frequency(Hz)	50/60 Hz				
	Power Factor	0.95 @ Full Load, 240VAC				
	Input Current max	0.37A MAX. @Full Load,176VAC				
	Start-up time	<0.5S				
	Unload Power Consumption	$\leq 0.5W$				
	Inrush Current	20A MAX. @Full Load,240VAC				
	Leakage Current	<0.5mA(240VAC)				
Output	Constant Current *Note.3	500mA	700mA	900mA	...	1050mA
	Unload voltage Max.	120VDC	83VDC	66VDC	...	58VDC
	Voltage Range(VDC)	60-100VDC	42.5-71.5VDC	33.5-56VDC	...	28.5-48VDC
	Rated load	50W Max.	50.1W Max.	50.4W Max.	...	50.4W Max.
	Current Accuracy	$\pm 5\%$				
	Voltage Regulation	$\leq 3\%$ @Full Load				
	Load Regulation	$\pm 5\%$				
	Hold-up Time	1s max.@Full Load				
	Ripple & Noise *Note.2	<30mAp-p	<42mAp-p	<54mAp-p	...	<63mAp-p
	Efficiency	$\geq 89\%$				
Protection	Over Load Protection	103-120%				
		Protection type: Auto Resume				
	Over Voltage Protection	>120VDC	>83VDC	>66VDC	...	>58VDC
	Protection type: Auto Resume					
	Short circuit Protection					
	Protection type: Auto Resume					
Environment	Operating Temperature	-20°C ... +45°C				
	tc	85°C				
	Storage Temperature	-25°C ... +60°C				
	Humidity	10%-90%RH				
	Life time	>30,000h @ta=45°C				
Others	Dimension	154X45X30(LXWXH)mm				
Safety & EMC	Safety standards	EN 61347-1; EN61347-2-13				
	Withstand voltage	Input-Output: 3750V/5mA/1min				
	Isolation resistance	Input-Output: $\geq 4M\Omega$ @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	<p>1.All parameters NOT specially mentioned are measured at 240VAC input , full load and 25°C of ambient temperature.</p> <p>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.</p> <p>3.Output current can be from 500mA to 1050mA and increasing in multiples of 50mA. Please see Model list below and contact EAGLERISE for details.</p>					

MECHANICAL SPECIFICATIONS



Model list

Model number	Input			Output			P(W)
	Voltage (VAC)	Current (A)	Frequency (Hz)	Constant current (mA)	Normal working voltage (VDC)	No load working voltage (VDC)	
LS-50-500 LI1	220-240	0.37	50/60	500	60-100	120	50
LS-50-550 LI1	220-240	0.37	50/60	550	54.5-91	109	50.1
LS-50-600 LI1	220-240	0.37	50/60	600	50-83.5	96	50.1
LS-50-650 LI1	220-240	0.37	50/60	650	46-77	89	50.1
LS-50-700 LI1	220-240	0.37	50/60	700	42.5-71.5	83	50.1
LS-50-750 LI1	220-240	0.37	50/60	750	40-67	79	50.3
LS-50-800 LI1	220-240	0.37	50/60	800	37.5-62.5	73	50
LS-50-850 LI1	220-240	0.37	50/60	850	35-59	69	50.2
LS-50-900 LI1	220-240	0.37	50/60	900	33.5-56	66	50.4
LS-50-950 LI1	220-240	0.37	50/60	950	31.5-53	63	50.4
LS-50-1000 LI1	220-240	0.37	50/60	1000	30-50	60	50
LS-50-1050 LI1	220-240	0.37	50/60	1050	28.5-48	58	50.4

DESCRIPTIONS OF CHANGE (变更描述)

变更项目 ITEM	变更前 BEFORE	变更后 AFTER	版本 Version	变更日期 DATE
Initial			REV1.0.0	2018-4-26
Output current Range	500-1400	500-1050	1.0.1	2018-8-1
Power Factor	>0.9 @ 220-240VAC	>0.95 @ Full Load, 240VAC	1.0.2	2018-9-6
Power Factor	>0.9 @ 220-240VAC	0.95 @ Full Load, 240VAC	1.0.3	2023-7-20