

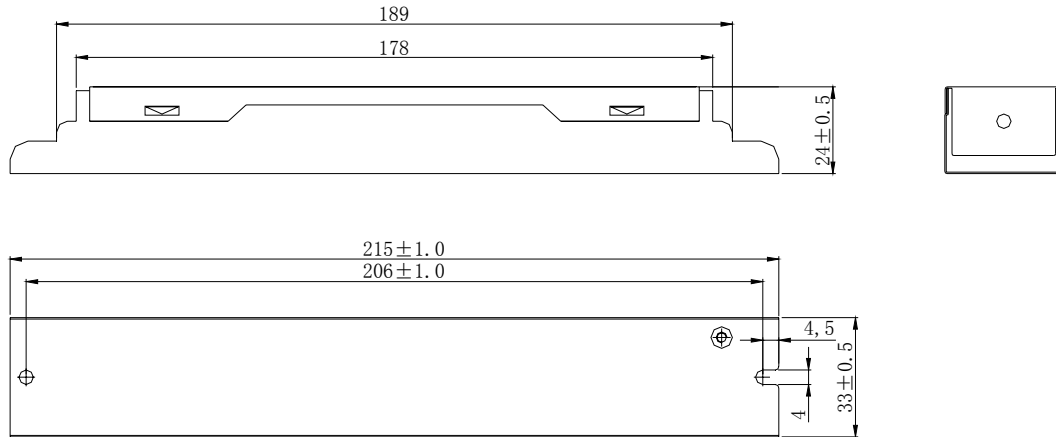
- ▲Input Voltage 220-240VAC
- ▲Protections: short circuit/over load/over voltage
- ▲IP20 Ingress protection
- ▲Power Factor ≥ 0.9
- ▲Efficiency $\geq 88\%$
- ▲Class I
- ▲Non-Isolated design
- ▲5 years warranty



SPECIFICATION

Input	Rated input voltage	220-240VAC					
	Range of input voltage	176-264VAC					
	Frequency(Hz)	50/60 Hz					
	Power Factor	$\geq 0.9@220-240VAC$					
	Input Current max	0.38A MAX					
	Start-up time	<0.5S					
	Unload Power Consumption	$\leq 0.5W$					
	Inrush Current	30A MAX. @Full Load,240VAC					
	Leakage Current	<0.5mA(240VAC)					
Output	Constant Current Note.3	300mA	500mA	700mA	900mA	...	1050mA
	Unload voltage Max.	180VDC	115VDC	82VDC	66VDC	...	58VDC
	Voltage Range(VDC)	100-167VDC	60-100VDC	42.5-71.5VDC	33.5-56VDC	...	28.5-48VDC
	Rated load	50.1W Max.	50W Max.	50.1W Max.	50.4W Max.	...	50.4W Max.
	Current Accuracy	$\pm 5\%$					
	Voltage Regulation	$\pm 3\%$ @Full Load					
	Load Regulation	$\leq 3\%$					
	Hold-up Time	1s max.@Full Load					
	Ripple& Noise Note.2	<120mAp-p	<200mAp-p	<280mAp-p	<360mAp-p	...	<420mAp-p
	Efficiency	$\geq 88\%$					
Protection	Over Load Protection	105-120%					
		Protection type: Auto Resume					
	Over Voltage Protection	>180VDC	>115VDC	>82VDC	>66VDC	...	>46VDC
	Protection type: Auto Resume						
	Short circuit Protection	Protection type: Auto Resume					
Environment	Operating Temperature	-10℃...+50℃					
	tc	85℃					
	Storage Temperature	-20℃...+60℃					
	Humidity	10%-90%RH					
	Life time	>30,000h @50℃					
Others	Dimension	215X33X24 (LXWXH)mm					
Safety & EMC	Safety standards	EN 61347-1; EN61347-2-13					
	Withstand voltage	Input --FG: 1500V/5mA/1min					
	Isolation resistance	$\geq 2M\Omega@500VDC$					
	EMC standards	EN55015; EN61000-3-2 Class C; EN61000-3-3					
	EMS	EN 61547;EN 61000-4-2 — Performance Criteria B; EN 61000-4-5 —L-N 1KV, L/N-G 2KV; Performance Criteria C					
Note	<p>1.All parameters NOT specially mentioned are measured at 240VAC input , rated load and 25℃ 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 300mA to1050mA and increasing in multiples of 50mA. Please see Model list below and contact EAGLERISE for details.</p>						

MECHANICAL SPECIFICATIONS



Model list

No.	Model number	Input			Output			Max.Prated(W)
		Voltage (VAC)	Max.Current (A)	Frequency (Hz)	Constant current (mA)	Normal working voltage (VDC)	No load working voltage (VDC)	
1	EHP050C0300MSR	220-240	0.38	50/60	300	100-167	180	50.1
2	EHP050C0350MSR	220-240	0.38	50/60	350	85.5-143	155	50.1
3	EHP050C0400MSR	220-240	0.38	50/60	400	75-125	136	50
4	EHP050C0450MSR	220-240	0.38	50/60	450	66.5-111.5	120	50.2
5	EHP050C0500MSR	220-240	0.38	50/60	500	60-100	115	50
6	EHP050C0550MSR	220-240	0.38	50/60	550	54.5-91	105	50.1
7	EHP050C0600MSR	220-240	0.38	50/60	600	50-83.5	95	50.1
8	EHP050C0650MSR	220-240	0.38	50/60	650	46-77	88	50.1
9	EHP050C0700MSR	220-240	0.38	50/60	700	42.5-71.5	82	50.1
10	EHP050C0750MSR	220-240	0.38	50/60	750	40-67	77	50.3
11	EHP050C0800MSR	220-240	0.38	50/60	800	37.5-62.5	72	50
12	EHP050C0850MSR	220-240	0.38	50/60	850	35-59	69	50.2
13	EHP050C0900MSR	220-240	0.38	50/60	900	33.5-56	66	50.4
14	EHP050C0950MSR	220-240	0.38	50/60	950	31.5-53	63	50.4
15	EHP050C1000MSR	220-240	0.38	50/60	1000	30-50	60	50
16	EHP050C1050MSR	220-240	0.38	50/60	1050	28.5-48	58	50.4