

Specification Sheet	Product	250W 3500/4200/4900mA driver with 1-10V dimming	Version: 2.0	Page:1/2
	Model	HQLPC250/225/3500(4200/4900)P/D7E1	Date	2019-11-14



■ Features:

- AC Input Range,200-480VAC。
- Built-in active PFC function.
- Protection: Short circuit/over temperature
- Cooling by free air convection。
- Input/output are connected by cable or coupler
- Using DIP switch to achieve different current.
- Suitable for LED lighting applications.
- 1-10V/PWM dimming function
- Independently mounted,can be applied to indoor,outdoor.
- 3 years warranty.

1-10V DIMMING CONTROL CONSTANT CURRENT LED DRIVERS



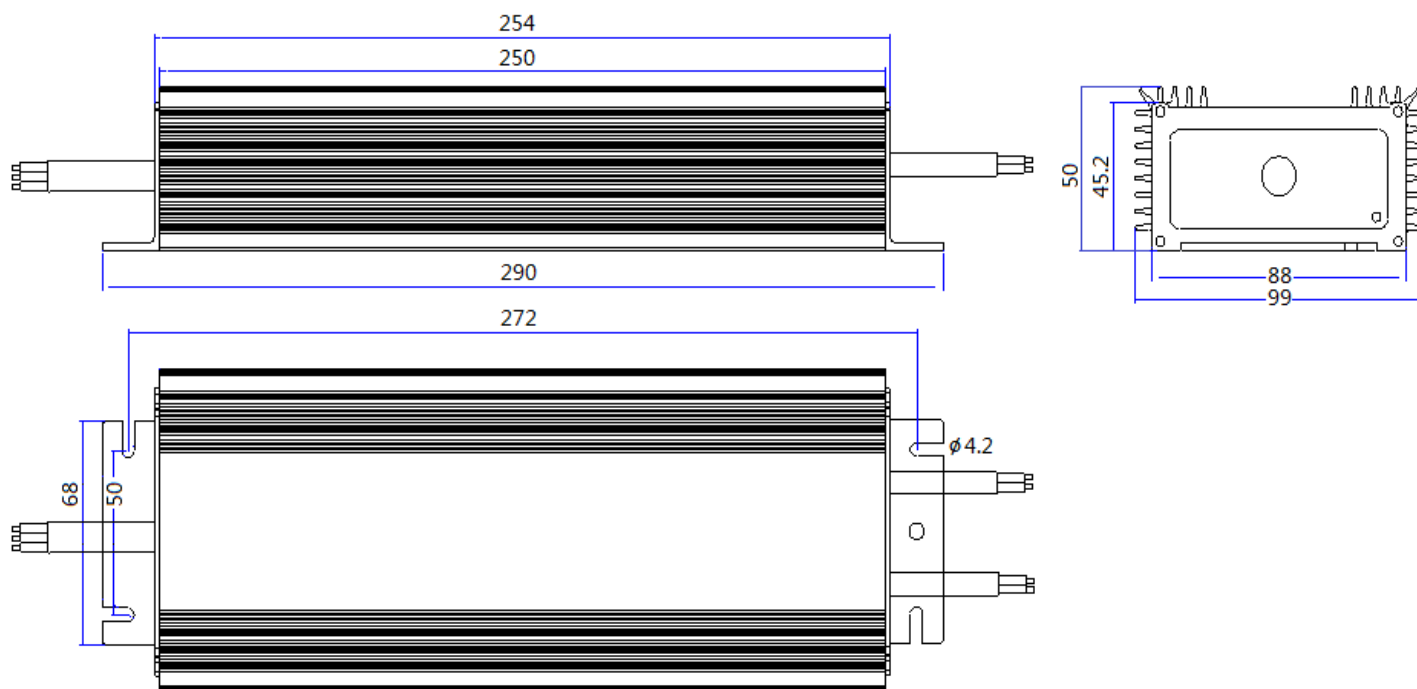
Specification				
Input	Voltage range	Rated Voltage 200~480VAC		
	Frequency range	47~63Hz		
	Power Factor	PF≥0.95 /240VAC(100% full load)		
	Efficiency(Typ.)	4900mA	Test Condition:Input Voltage 480VAC,100% full load.	
		≥88%		
	Input AC current:	≤1.6A/200VAC（100% full load）		
	Inrush current(Typ.)	Cold start: 50A/480VAC		
Leakage current	<0.5mA at 508.8VAC			
Output	Channel	1channel（can use DIP switch to choose current）		
	Output current and voltage	4900mA	4200mA	3500mA
		26-52V	26-60V	26-72V
	Output current range	±5%		
	Output ripple current	≤10%Io（100%full load）		
	Output overshoot /	≤10%,when the driver turn on/off		
	Start up time	0-2S,200VAC		
		0-1S,480VAC		
	Short circuit protection	Products without damage,when abnormal condition removed,re-power on to recover		
Over-heat protection	Protection type:Shut down o/p voltage,re-power on to recover			
Environment	Working TEMP	-40~+50℃（100% full load）		
	Working Humidity	20~95%RH, non-condensing		
	Storage TEMP&Humidity	-40~+80℃, 10~95%RH		
	Vibration	10~100Hz, 5G 12min/1 cycle, period for 72 minutes. each along X、Y、Zaxes		
Safety&EMC	Safety standards	UL8750, CAN/CSA-C22.2 No.250.13; GB19510.1/IEC61347-1, GB19510.14-/IEC61347-2-13		
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.950KVAC O/P-FG:0.5KVAC ,60S(leak current<100mA)		
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:>100MΩ at 500VDC/25℃/70%RH		
	EMC emission	FCC Part 15 ANSI C63.4:2009 Class B		
	EMC immunity	GB/T 18595-2014/IEC61547: 2009		
Surge impulse test:L-N,6KVAC, L(N)-FG,6KVAC.				
Life	50000 hours @ Ta			
Size	290*99*50mm(L*W*H),Please refer to the detail construction size as below			
NOTE	1.All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25℃ of ambient temperature . 2.The LED driver is considered as a component that will be operated in combination with final equipment , since EMC performance will be affected by the complete installation ,the final equipment manufacturers must re-qualify EMC directive on the complete installation again . 3.Detail warranty terms please refer to warranty statement.			

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■ Size

Unit: mm



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Please refer to the actual products provided by HUAQUAN for specific details.

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