

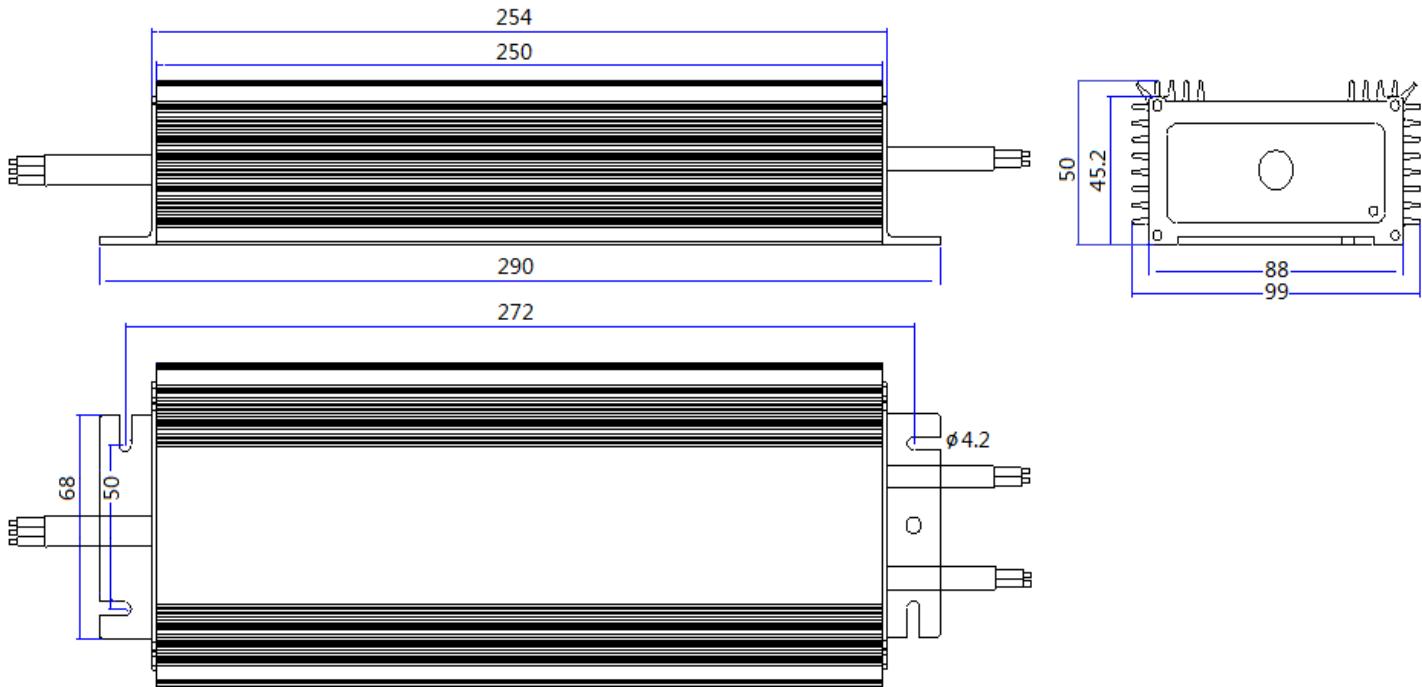
Specification Sheet	Product	250W 3500/4200/4900mA driver with 1-10V dimming	Version: 2.0	Page: 1/2
	Model	HQLPC250/225/3500(4200/4900)P/D7E1	Date	2019-11-14
		<p>■ Features:</p> <ul style="list-style-type: none"> • AC Input Range, 200-480VAC. • Built-in active PFC function. • Protection: Short circuit/over 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			     IP65	
Specification	Voltage range	Rated Voltage 200~480VAC		
Input	Frequency range	47~63Hz		
	Power Factor	PF ≥ 0.95 /240VAC(100% full load)		
	Efficiency(Typ.)	4900mA ≥88%	Test Condition: Input Voltage 480VAC, 100% full load.	
	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 26-52V	4200mA 26-60V	3500mA 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°C (100% full load)		
	Working Humidity	20~95%RH, non-condensing		
	Storage TEMP&Humidity	-40~+80°C, 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°C/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°C 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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