

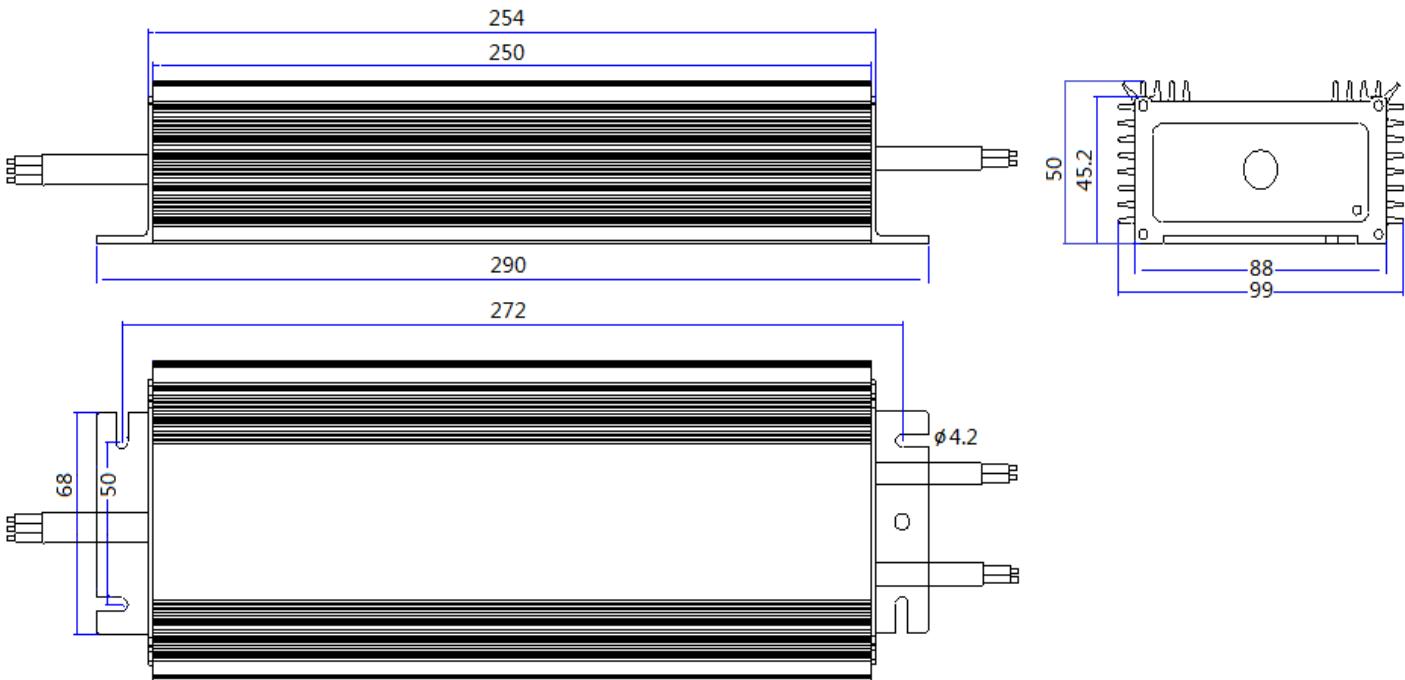
Specification Sheet	Product	300W 4900/5600/6300mA driver with 1-10V dimming	Version: 2.0	Page:1/2	
	Model	HQLPC300/225/4900(5600/6300)P/D7E1	Date	2019-11-14	
		<p>■ Features:</p> <ul style="list-style-type: none"> <li>• AC Input Range, 200-480VAC.</li> <li>• Built-in active PFC function.</li> <li>• Protection: Short circuit/over temperature</li> <li>• Cooling by free air convection.</li> <li>• Input/output are connected by cable or coupler</li> <li>• Using DIP switch to achieve different current.</li> <li>• Suitable for LED lighting applications.</li> <li>• 1-10V/PWM dimming function</li> <li>• Independently mounted, can be applied to indoor, outdoor.</li> <li>• 3 years warranty.</li> </ul>			
<b>1-10V DIMMING CONTROL CONSTANT CURRENT LED DRIVERS</b>			     IP65		
Specification					
Input	Voltage range	Rated Voltage 200~480VAC			
	Frequency range	47~63Hz			
	Power Factor	PF ≥ 0.95 /240VAC(100% full load)			
	Efficiency(Typ.)	6300mA ≥88%	Test Condition: Input Voltage 480VAC, 100% full load.		
	Input AC current:	≤1.9A/200VAC (100% full load)			
	Inrush current(Typ.)	Cold start: 50A/480VAC			
	Leakage current	<0.5mA at 508.8VAC			
Output	Channel	1 channel (can use DIP switch to choose current)			
	Output current and voltage	6300mA 20-48V	5600mA 20-54V	4900mA 20-62V	
	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			
Environment	Over-heat protection	Protection type: Shut down o/p voltage, re-power on to recover			
	Working TEMP	-40~+50°C (100% full load)			
	Working Humidity	20~95%RH, non-condensing			
	Storage TEMP&Humidity	-40~+80°C, 10~95%RH			
Safety&EMC	Vibration	10~100Hz, 5G 12min/1 cycle, period for 72 minutes. each along X, Y, Z axes			
	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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