

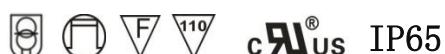
Specification Sheet	Product	100W 2100/2450/2800mA driver with 1-10V dimming	Version: 2.0	Page:1/2
	Model	HQLPC100/225/2100(2450/2800)P/D4E1	Date	2019-11-14



## ■ 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



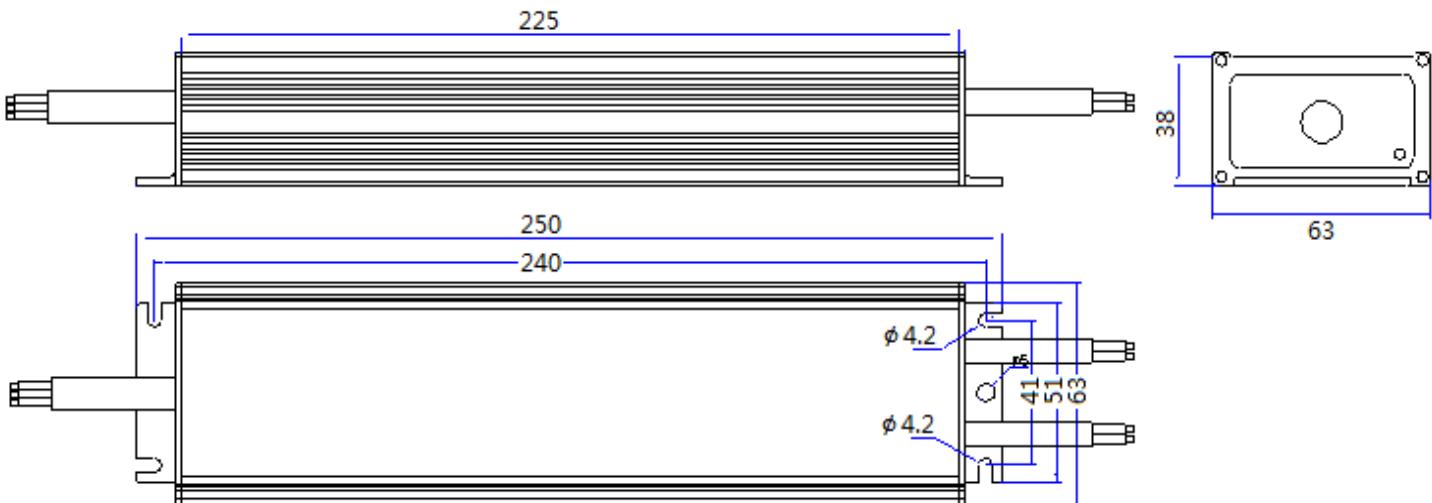
## Specification

I N P U T	Voltage range	Rated Voltage 200~480VAC					
	Frequency range	47~63Hz					
	Power Factor	PF ≥ 0.95 /240VAC(100%full load)					
	Efficiency(Typ.)	3150mA	Test Condition: Input Voltage: 480VAC, 100% full load.				
		≥88%					
	Input AC current:	≤0.72A/200VAC (100%full load)					
	Inrush current(Typ.)	Cold start: 50A/480VAC					
	Leakage current	≤0.5mA at 508.8VAC					
O U T P U T	Channel	1channel (can use DIP switch to choose current)					
	Output current and voltage	2800mA	2450mA	2100mA			
		14-36V	14-41V	14-48V			
	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					
Environment	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					
	Working TEMP	-40~+50°C (100%full load)					
	Working Humidity	20~95%RH, non-condensing					
Safety&EMC	Storage	-40~+80°C, 10~95%RH					
	Vibration	10~100Hz, 5G 12min/1 cycle, period for 72 minutes. each along X, Y, Zaxes					
	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)					
NOTE	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	250*63*38mm(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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			Date	2019-11-14

## ■ Size

Unit: mm



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

FM73045C