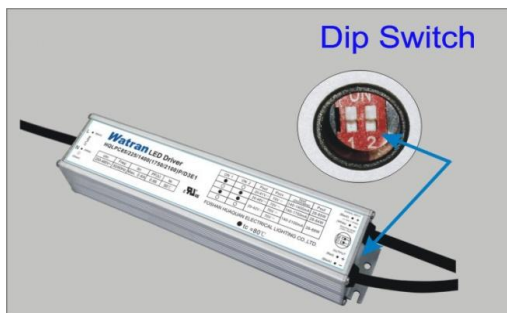


Specification Sheet	Product	100W 2100/2450/2800mA driver with 1-10V dimming	Version: 2.0	Page:1/2
	Model	HQLPC100/225/2100(2450/2800)P/D4E1	Date	2019-11-14



■ 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



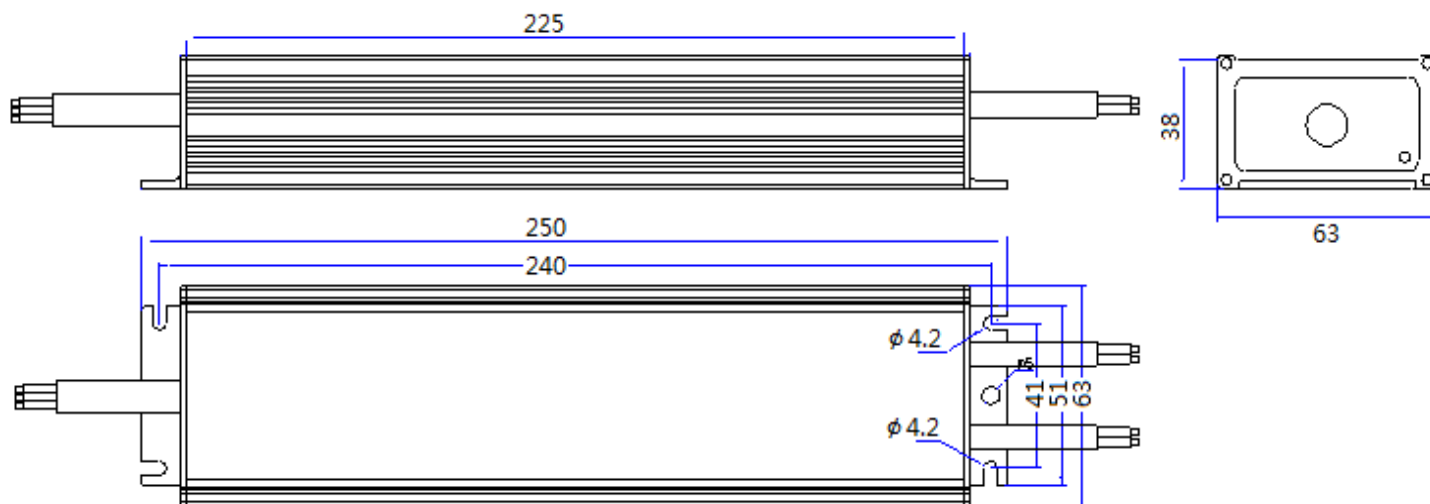
Specification

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 star: 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			
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	-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	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℃ 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.				

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

■ Size

Unit: mm



The technical data and information in this specification is owned by HUAQUAN , we reserve the right to change without prior notice.

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

FM73045C