



100W 塑料外壳系列

Plastic Housing Series

HPR 系列: 高PF 主动PFC PF>0.95
HPR Series: Active PFC PF>0.95

调光类型: 5合1 Dimming Type : 5 in 1

1: Leading Edge (Triac) 2: Trailing Edge 3: 0/1-10V 4: 100K Resistor 5: PWM

Dimmable 1% 100%

IP30 CLASS 2



产品特性 Product Features

- 小尺寸矩形塑胶外壳设计, 方便安装
Mini rectangle plastic housing design, easy installation
- 兼容五种调光模式, 方便各种调光照明系统设计
Compatible with 5 dimming modes, Convenient design of many dimming lighting systems
- 多重保护短路、过流和过压保护
Multiple protections like short circuit&over-current &over-voltage protection.
- 符合全球多国认证可选(ETL, SAA, CB, CE)
Global certifications optional like ETL, SAA, CB, CE, TUV
- 高效率, 长寿命, 质保5年
High efficiency&long lifespan&5 years warranty
- 绝缘等级: Class 2 IP防护等级: IP30
Insulation Class: Class 2 IP protection level: IP30
- 采用主动式功率因数校正, PF>0.95
Built-in- active power factor correction, PF>0.95

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CE CB

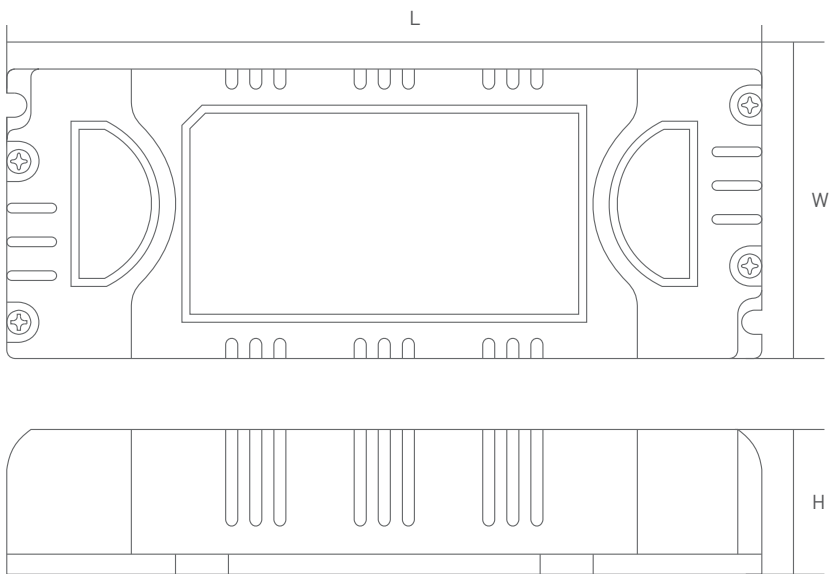


SELV



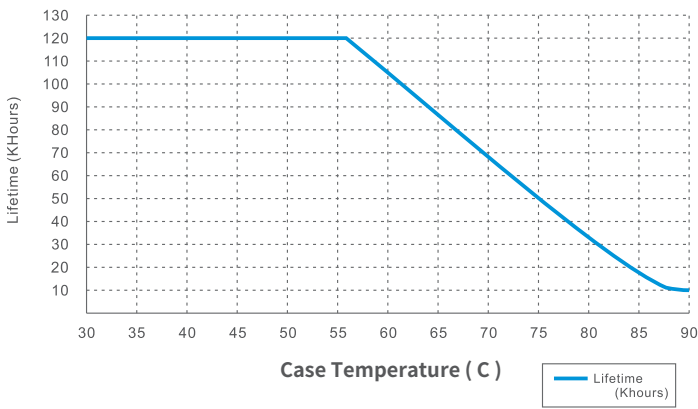
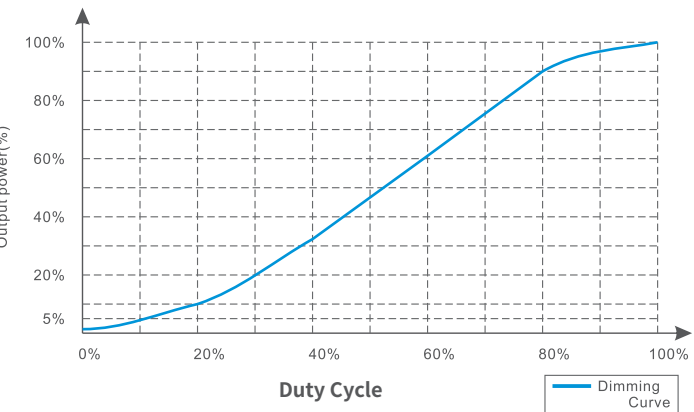
Input 输入	Voltage Range / 输入电压	AC / 100 ~ 130V		AC / 180 ~ 240VDC		
	Frequency Range / 工作频率	47-63HZ				
	Power / 功率	100W				
	Efficiency (>24V) / 效率	91%		92%		
	AC Current Max / 输入电流	1A		0.5A		
	PF(Full Load) / 功率因数（满载）	0.98		0.96		
	Inrush Current / 浪涌电流	Cold Start 35A (Twidth=540μs Measured at 50% Ipeak) at 230V AC				
	Standby Power / 待机功耗	0.3W Max		0.6W Max		
	Dimming Type / 调光方式	Leading Edge(Triac) & Trailing Edge				
	Dimming Range / 调光范围	1%-100%				
	THD (Full Load) / 总谐波失真(满载)	<15%		<20%		
	Setup Time / 启动时间	0.5S		0.2S		
Output 输出	Power / 功率	100W				
	Rated Voltage / 额定电压(V)	12V	24V	18-29V	30-42V	43-58V
	Rated Current / 额定电流(A)	7.5	4.2	4.2	2.7	2.1
	No-Load Voltage (Max.) / 空载电压			30V	46V	60V
	Ripple (Max.) / 纹波	<10%				
	Load Regulation / 负载调整率	±2.5%	±1%	±5%		
	Line Regulation/ 线性调整率	±1%				
Environment 环境	Operation Temperature/ 工作温度	-30 ~ +50 °c				
	Operation Humidity / 工作湿度	20 ~ 90% RH				
	Storage Temperature, Humidity / 存储温度, 湿度	-40 ~ +80 °c, 10 ~ 95% RH				
	Vibration / 震动测试	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
Safety&EMC 安规&EMC	Safety Standards / 安规标准	UL 1310,UL 8750,CSA C22.2#223,EN 61347-1,EN 61347-2-13,EN 62493,AS/NZS 61347.1				
	Insulation Strength / 绝缘强度	I/P-O/P:3.75KVAC				
	Insulation Resistance / 绝缘电阻	I/P-O/P:>100M Ohms / 500VDC / 25 °c / 70% RH				
	EMC Emission / 辐射干扰	Compliance to EN55015, EN61000-3-2 Class C(Load≧40%); EN61000-3-3; GB17625.1, GB17743, EAC TP TC 020L				
	EMC Immunity / 抗干扰	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, light industry level (Surge immunity Line-Line 2KV), EAC TP TC 020				
Other 其他	Size / 尺寸	100W:190×64×29				

Size/尺寸



Power / 功率		100W
Size / 尺寸	Cace / 外壳	L:190×W:64×H:29mm

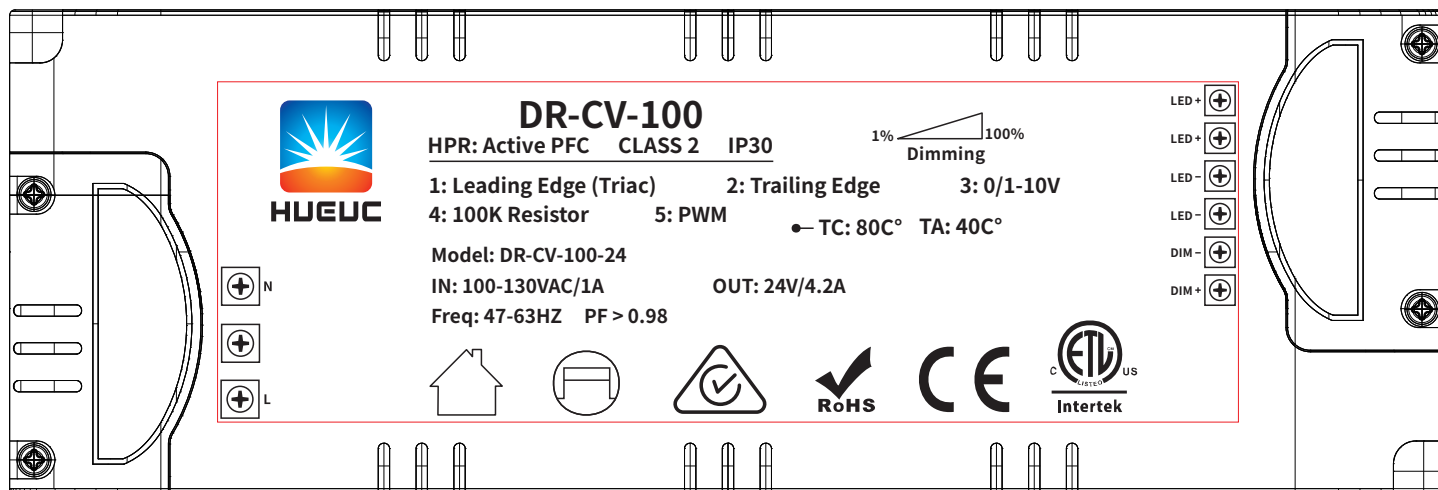
Test Curve / 测试曲线



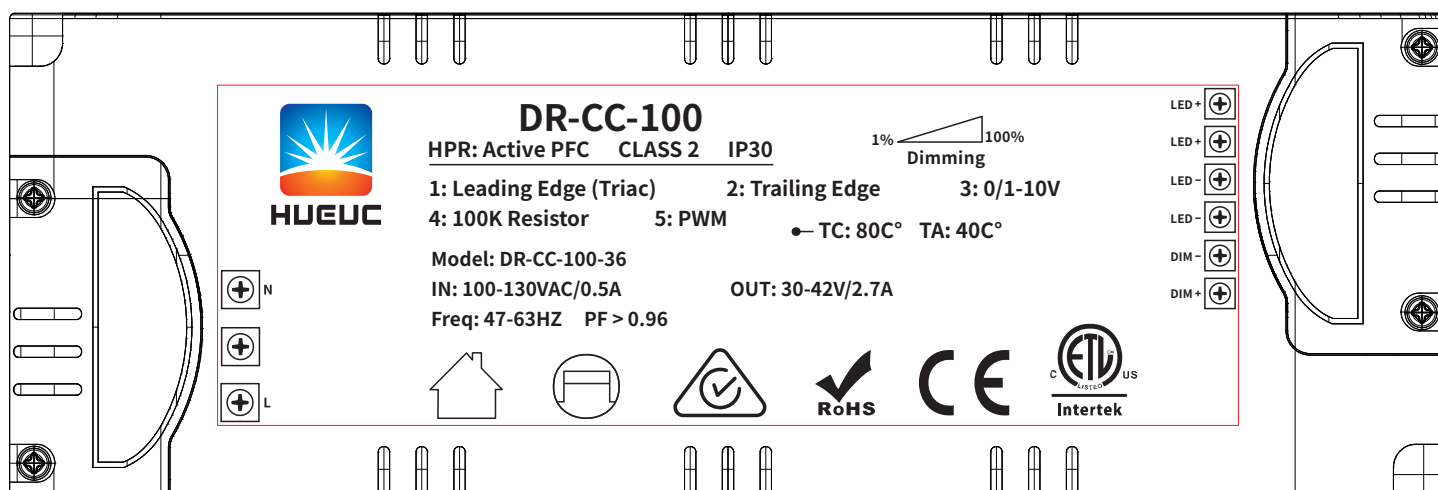
Dimmer Data/调光数据

120VAC/60Hz				220VAC/50Hz			
NO.	Brand/品牌	Model/型号	Dimming Range	NO.	Brand/ 品牌	Model/ 型号	Dimming Range
1	LUTRON	CT-600P/600	8%-100%	4	DIGINET	MEDM	1%-100%
2	LUTRON	SCL-153P/150W	3%-100%	5	CLIPSAL	32ELEDM	5%-100%
3	LEVITON	6633-P/600W	3%-100%	6	ATOM	At9303	15%-100%

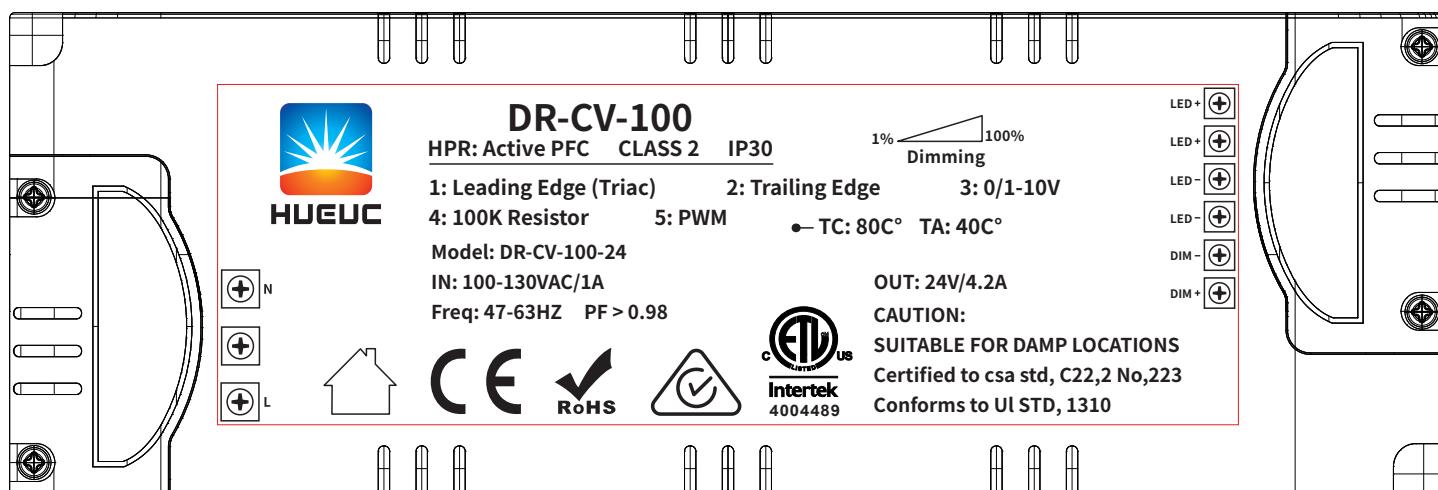
100W / CV



100W / CC



100W / CV



100W / CC

