



DR-CV-20 CLASS 2

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

Dimming Type: 1: Leading edge / Triac & trailing edge 2: 0/1-10V 3: NO Dimming

Dimmable 1%  100%

IP53



Product Features

产品特性

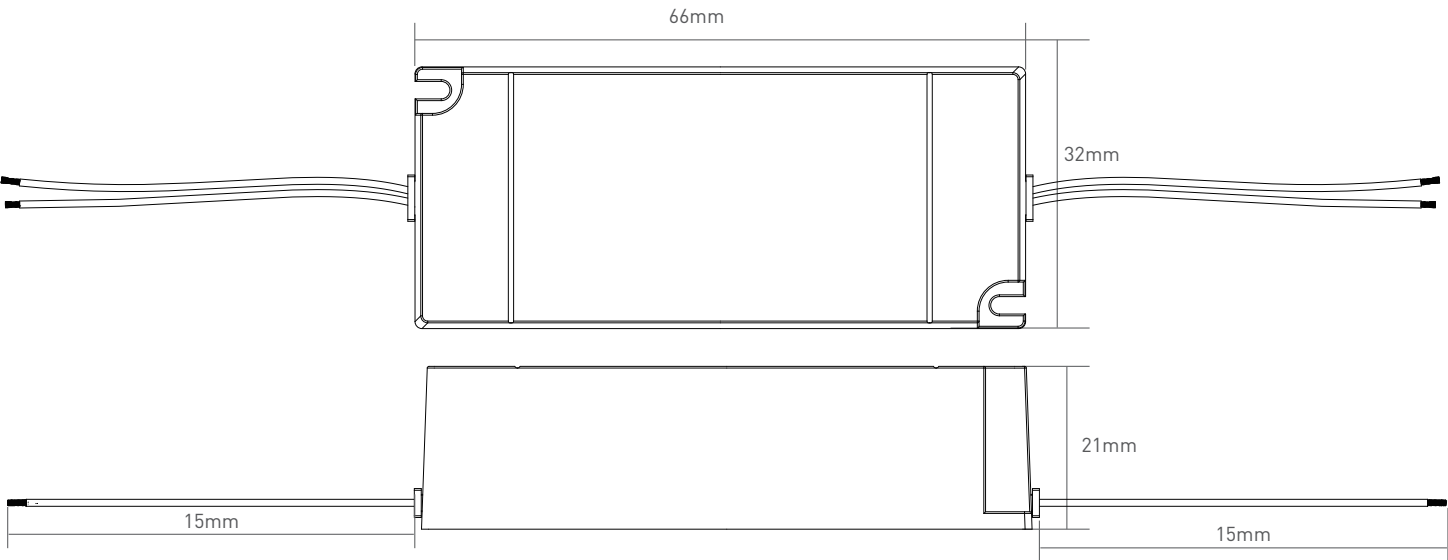
- Internal use of good heat dissipation performance potting adhesive to improve product service life, Improve IP protection level
内部采用 散热性能好灌封胶 提高产品使用寿命, 提升IP防护等级
- Excellent dimming effect&strong compatibility
调光效果卓越,兼容性较强
- Multiple protections like short circuit&over-current &over-voltage protection.
多重保护短路、过流和过压保护
- Global certifications optional like ETL, SAA, CB, CE, TUV
符合全球多国认证可选(ETL, SAA, CB, CE)
- Applied to indoor lighting
应用于室内照明
- High efficiency&long lifespan&5 years warranty
高效率, 长寿命, 质保5年
- insulation class: Class 2 IP protection level: IP53
绝缘等级: Class 2 IP防护等级: IP53
- Adopt active power factor correction, PF>0.95
采用主动式功率因数校正, PF>0.95



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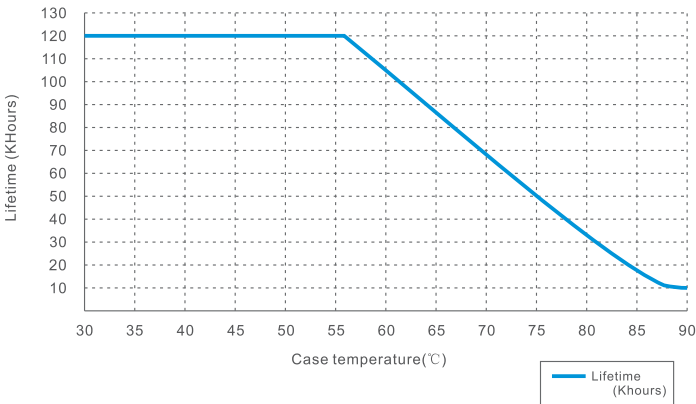
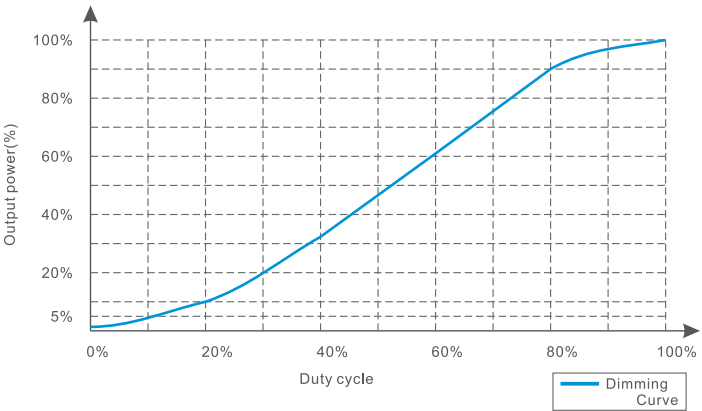
INPUT 输入	VOL TAGE RANGE/输入电压	AC &100 ~ 120V		AC &180 ~ 240VDC		
	FREQUENCY RANGE/ 工作频率	60Hz		50Hz		
	Efficiency Up To/ 最高效率	86%		86%		
	AC CURRENT (Typ.)/ 输入电流	0.25A Max		0.13A Max		
	PF(Full Load)/ 功率因数（满载）	0.98		0.96		
	INRUSH CURRENT(Typ.)/ 浪涌电流	COLD ST ART 35A(twidth=540μs measured at 50% Ipeak) at 230V AC				
	Prower In No-load Operation/ 空载功耗	0.3W Max		0.6W Max		
	Dimming Protocol/ 调光方式	Leading edge&Lagging edge[ELV]				
	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		
		Model Number	DR-CV -20 (CV)		DR-CV -20 (CC)	
OUTPUT 输出	VOL TAGE RANGE/输出电压	12V	24V	18-29V	30-42V	43-58V
	RATED CURRENT/输出电流	1.5A	0.8A	0.8A	0.5A	0.4A
	NO-LOAD VOLTAGE/ 空载电压			30V	46V	60V
	RIPPLE & NOISE (max.)/ 纹波电压(峰-峰值)	<2%				
	LOAD REGULA TION/ 负载调整率	±2.5%	±1%	±5%		
	LINE REGULA TION/ 线性调整率	±1%				
ENVIRONMENT 环境	WORKING TEMP./工作温度	-30 ~ +50 °c (Refer to "Derating Curve")				
	WORKING HUMIDITY/ 工作湿度	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY/ 存储温度, 湿度	-40 ~ +80 °c, 10 ~ 95% RH				
	TEMP. COEFFICIENT/ 温度系数	± 0.03%/°c [0 ~ 50 °c]				
	VIBRA TION/ 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 ,CSA C22.2#223,EN 61347-1,EN 61347-2-13,EN 62493,AS/NZS 61347.1				
	WITHST AND VOL TAGE/ 绝缘耐压	I/P-O/P:3.75KVAC				
	ISOLA TION RESIST ANCE/ 绝缘电阻	I/P-O/P:>100M Ohms / 500VDC / 25 °c / 70% RH				
	EMC EMISSION/EMC 辐射骚扰	Fcc Part 15 Subpart B,EN 55015:2013+A1,EN 61547:2009				
	EMC IMMUNITY/EMC 抗干扰	EN IEC 61000-3-2:2019,EN 61000-3-3:2013				
OTHER 其他	SIZE/尺寸	66*32*21mm [L*W*H]				

Size/尺寸



Line / 线	15mm Input / 输入: L:Black N:White UL2468-22AWG	15mm Output / 输出: LED+: Red LED-:Black UL2468-20AWG
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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%	1	DIGINET	MEDM	1%-100%
2	LUTRON	SCL-153P/150W	3%-100%	2	CLIPSAL	32ELEDM	5%-100%
3	LEVITON	6633-P/600W	3%-100%	3	ATOM	At9303	15%-100%