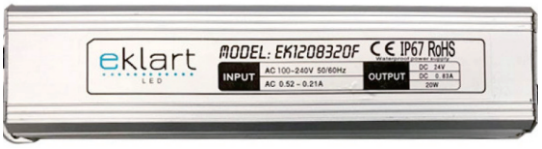
EK1208320F

Constant Voltage Driver

Resumo

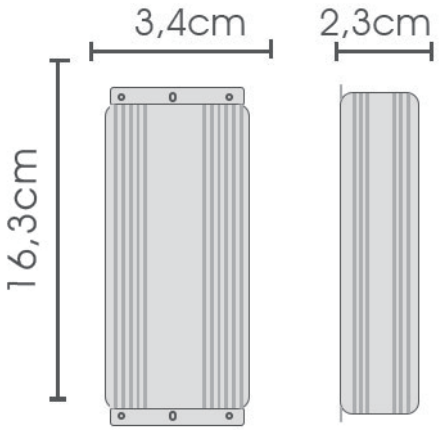
O EK1208320F é aplicado à iluminação LED, iluminação externa, dispositivos à prova d'água, etc. Tamanho pequeno, alta eficiência, estabilidade e confiabilidade. A fonte de alimentação possui proteção contra sobrecorrente, proteção do circuito de classificação de saída. A fonte de alimentação usa o esquema de design ideal, de modo que a eficiência da fonte de alimentação é aumentada em até 88%, o que economiza bastante energia.



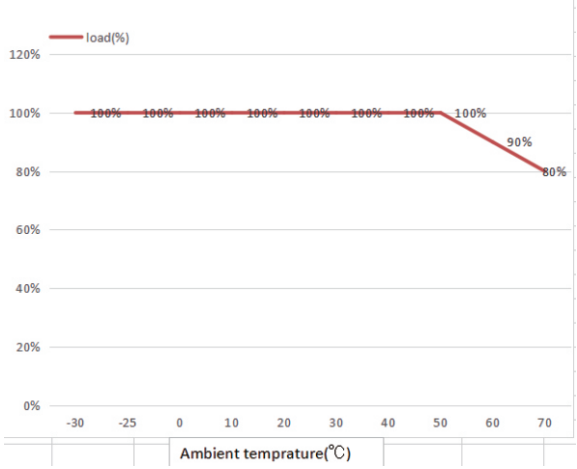
Características do produto

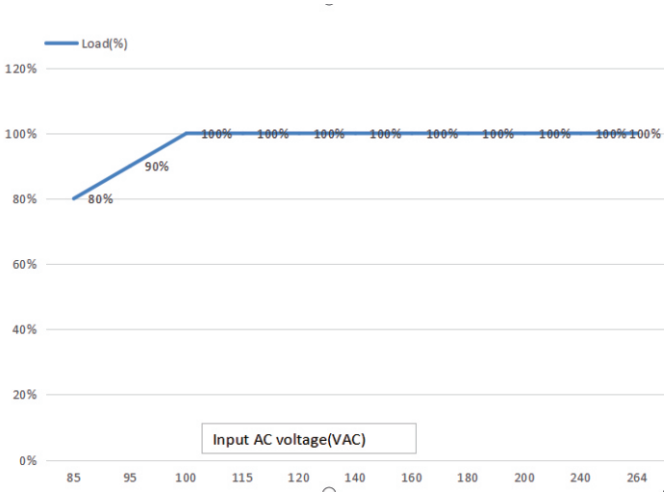
- Ampla faixa de temperatura operacional
- Baixo consumo de energia em espera
- Proteção contra sobretensão de saída
- Proteção contra sobrecorrente de saída
- IP67 à prova d'água
- Até 88% de eficiência

Dimension (mm)



Derating Curve





Electrical specification

Model		EK1208320F
Output	DC voltage	24V
	Rated current	0.83A
	Load current range	0~0.83A
	Rated power	20 W
	Ripple&noise	120mV Vp-p
	Adjustable voltage	-
	Regulation accuracy	±1%
	Load regulation accuracy	±0.5%
	Source regulation accuracy	±0.5%
	Start,rise time	1500ms,30ms@230VAC;2000ms,30ms@115VAC at full load
	Hold up time	30ms@230VAC,15ms@115VAC at full load
Input	AC input range	88~264VAC/120~373VDC
	Frequency range	47~63Hz
	Efficiency	88%
	Input current	0.95A@115V AC,0.56A@230VAC
	Inrush current	45A/230VAC cold start
	Leakage current	<0.75mA/240VAC
Protection	Over load	Rated load 110% ~150%
		Hiccup mode, Auto-recovery
	Over output voltage	26.5 ~33.6V
		Shut off the output voltage, auto-recovery
	Over temperature	By PWM IC OTP function
Ambient	Operation temperature	-30℃~+70℃（Reference to derating curve）
	Operation humidity	20%~90% RH No condensation
	Storage temperature & humidity	-40℃~+85℃ 10~95% RH
	Temperature coefficient	±0.03%/℃(0~50℃)
	Vibration resistance	10~500Hz,5G 10minutes/cycle,each X、Y、Z 60minutes
Safety STD	Safety STD	TUV EN60950-1,EN60335-1,EN61558-1/-2-16,CCC GB4943
	Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC, O/P-FG:1KVAC
	Insulation resistance	I/P-O/P,I/P-FG,O/P-FG:100Mohms/500VDC/25℃/70% RH
	EMI	EN55022(CISPR22),GB9254(class B),EN55014,EN61000-3-2,-3
Other	MTBF	≧650K hrs,MIL-HDBK-217F(25℃)
	Dimension	140*35*25mm
	Weight	0. 21KG
Remark		