



Fuente de alimentación de tensión constante solo para uso industrial.

Funciona desde 85 ~ 264VAC.

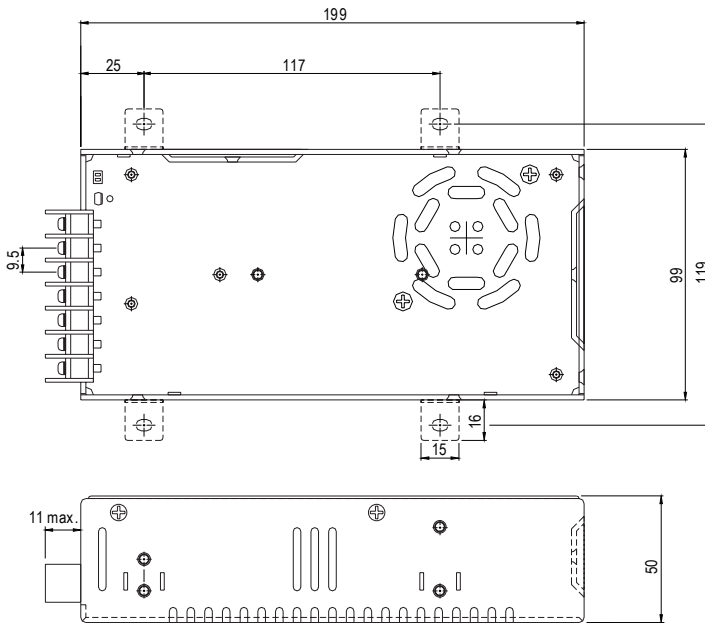
Consigue una alta eficiencia sin ventilador, hasta un 84%, gracias a un diseño optimizado y es capaz de funcionar desde -10°C ~ +60°C.

Constant current power supply for industrial use only. Operates from 85 ~ 264VAC.

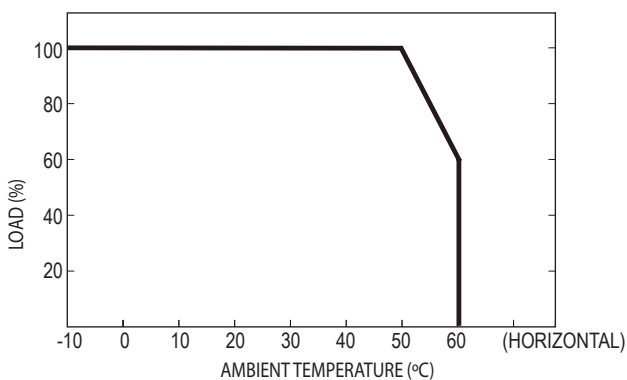
It achieves high efficiency without fan, up to 84% thanks to an optimized design and is capable of operating from -10°C ~ +60°C.



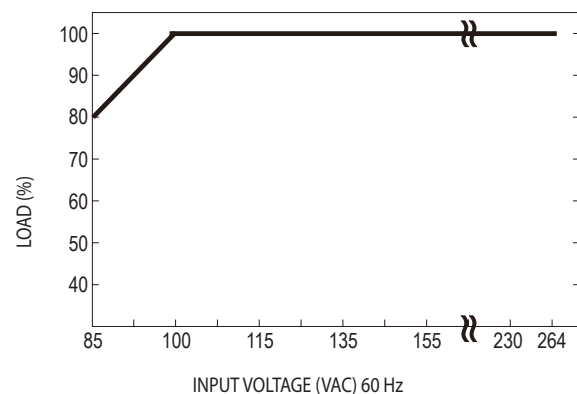
• Medidas / Dimensions



• Curva de reducción / Derating curve



• Disminución salida vs entrada voltaje Output derating vs Input voltage



• Características / Characteristics

MODEL		FI200-12	FI200-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	16.7A	8.4A
	CURRENT RANGE	0 ~ 16.7A	0 ~ 8.4A
	RATED POWER	200.4W	201.6W
	RIPPLE & NOISE (max.) (2)	100mVp-p	150mVp-p
	VOLTAGE ADJ. TOLERANCE	11.4 ~ 13.2A	22.8 ~ 26.4A
	VOLTAGE TOLERANCE (3)	±2.0%	±1.0%
	LINE REGULATION	±0.5%	
	LOAD REGULATION	±0.5%	
	SETUP, RISE TIME	600ms, 40ms at full load	
	HOLD UP TIME (Typ.)	20ms at full load	
	INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 370VDC
FREQUENCY RANGE		47 ~ 63Hz	
EFFICIENCY (Typ.)		84%	85%
AC CURRENT (Typ.)		3.5A / 115 VAC 1.7A / 230VAC	
INRUSH CURRENT (Typ.)		COLD START 50A / 230VAC	
LEAKAGE CURRENT		< 2mA / 240 VAC	
PROTECTION	OVERLOAD	105 ~ 150% rated output power Protection type: Constant current limiting, recovers automatically after fault condition is removed	
	OVERVOLTAGE	13.2 ~ 16.2V	26.4 ~ 32.4V
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down	
FUNCTION	REMOTE CONTROL (OPTION)	CN1:4 ~ 10VDC POWER ON, <0 ~ 0.8VDC POWER OFF	
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.05%/°C (0 ~ 50°C)	
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, TUV EN60950-1, CCC GB4943 approved	
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH	
	EMC EMISSION	Compliance to EN55032 (CISPR22) Class B, EN61000-3-2 -3	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level criteria A	
OTHERS	MTBF	183.8Khrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	199*99*50mm (L*W*H)	
	PACKING	0.85Kg; 20pcs/17.9Kg/1.28CUFT	

NOTE

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.
4. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."