

Waterproof / Premium

FAW 100

FW100



Fuente de alimentación de tensión constante.

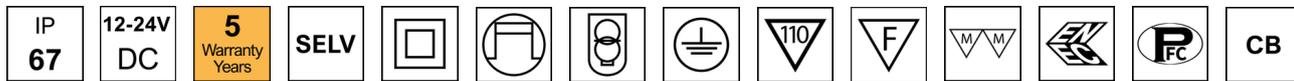
Funciona desde 100~305VAC.

Consigue una alta eficiencia sin ventilador, hasta un 95,5% gracias a un diseño optimizado y es capaz de funcionar desde -40°C ~ +90°C.

Constant voltage power supply.

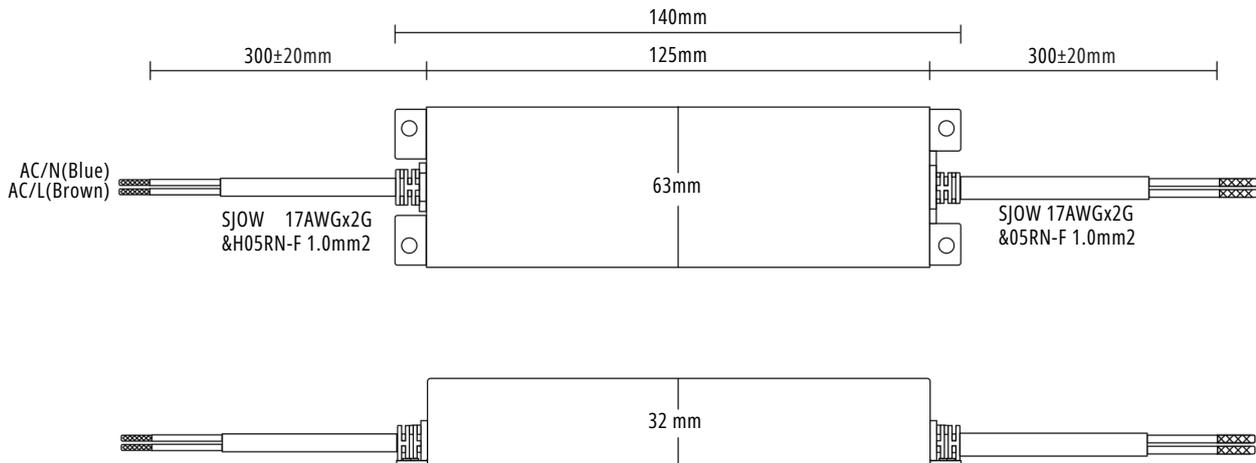
Operates from 100~305VAC.

It achieves high efficiency without fan, up to 95,5% to an optimized design and is capable of operating from -40°C ~+90°C.



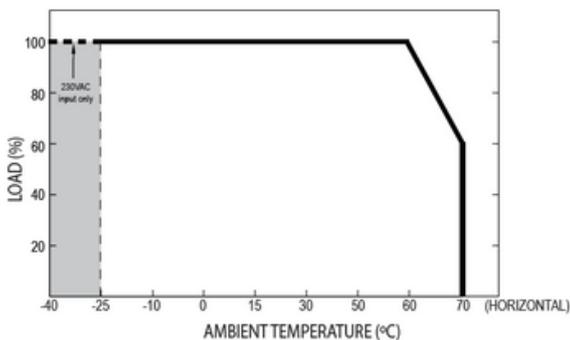
Medidas

Dimensions



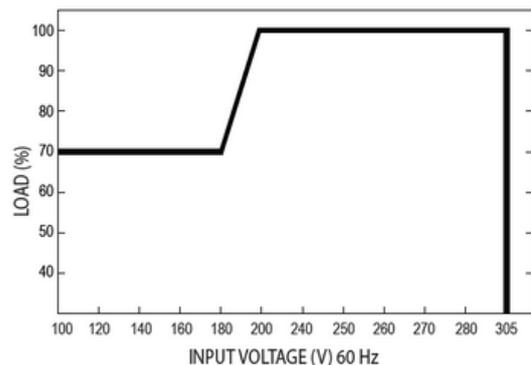
Carga de salida vs temperatura

Output load vs temperature



Características estáticas

Static characteristics



Waterproof / Premium FAW 100

Características técnicas

Technical data

		FW100	FW100
Salida Output	Voltaje DC DC Voltage	12V	24V
	Corriente nominal Rated current	8A	4A
	Potencia nominal Rated power	96W	96W
	Rango de regulación Dimming range	0,5%	
	Configuración, Tiempo de subida Setup, Rise time	1000ms, 80ms/ 115VAC or 500ms, 100ms 230VAC	
	Espera tiempo Hold up time	15ms/115VAC or 10ms/ 230VAC	
Entrada Input	Rango de voltaje Voltage range	100 ~ 305VAC 142 ~ 431VDC	
	Rango de frecuencia Frequency range	47 ~ 63Hz	
	Factor de potencia Power factor	PF>0.97/115VAC, PF>0.95/230VAC, PF>0.92/277VAC @ full load	
	Distorsión armónica total Total harmonic distortion	THD<20%(@load>50%/115VAC, 230VAC; @load>75%/277VAC)	
	Eficiencia Efficiency	88%	
	Corriente AC AC current	1.1A / 115VAC 0.6A / 230VAC 0.5A / 277VAC	
	Corriente de irupción Inrush current	COLD START 60A(twidth=850µs measured at 50% Ipeak) at 230VAC	
	Corriente de fuga Leakage current	<0.75mA / 277VAC	
Protección Protection	Sobrecarga Overload	95 ~ 108% rated output power Constant current limiting, recovers automatically after fault condition is removed.	
	Sobre voltaje Over voltage	28 ~ 34V	
Ambiente Environment	Temperatura de trabajo Working temperature	-40 ~ +90°C	
	Humedad de trabajo Working humidity	20 ~ 95% RH	
	Temp. almacen., humedad Storage temp.,humidity	-40 ~ +80°C, 10 ~ 95% RH	
	Coefficiente temperatura Temp. coefficient	±0.03%/°C (0 ~ 60°C)	
	Vibración Vibration	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes	
Seguridad Safety & EMC	Estándares de seguridad Safety standards	UL8750(type“HL”), CSA C22.2 No.250.13-12;ENEC BS EN/EN61347-2-13 independent, BS EN/EN62384; GB19510.14, GB19510. 1;IP65 or IP67, EAC TP TC 004, AS/NZS IEC 61347.2.13:2013,AS/NZS 61347.1:2016;KC61347-1,KC61347-2-13(except for AB,Dx,D2-type), J61347-1(H29), J61347-2-13(H29)(for Blank/A-type) approved	
	Tensión soportada Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC	
	Resistencia al aislamiento Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH	
	Emisión EMC EMC emission	Compliance to BS EN/EN55015, BS EN/EN61000-3-2 Class C (@ load≥50%) ;BS EN/EN61000-3-3;GB17743, GB17743, GB17625.1, EAC TP TC 020;KC KN15,KN61547(except for AB,Dx,D2-type),J55015(H29)(for Blank/A-type)	
Inmunidad EMC immunity	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN61547, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV), EAC TP TC 020;KC KN15,KN61547(except for AB,Dx,D2-type),J55015(H29)(for Blank/A-type)		

