

130W/24V Open Frame Power Supply(With Certification) (GWS-BP130-24C)



Features

ROHS

- Power Input: AC90~264V
- Support production for short circuit/over current/over voltage
- Wide operating ambient temp (-20℃~65℃)
- 100% full load aging test
- High efficiency, long life time and high reliability
- No fan, completely tranquil work
- 3 years warranty
- 3C.CE.FCC.EMI/EMC

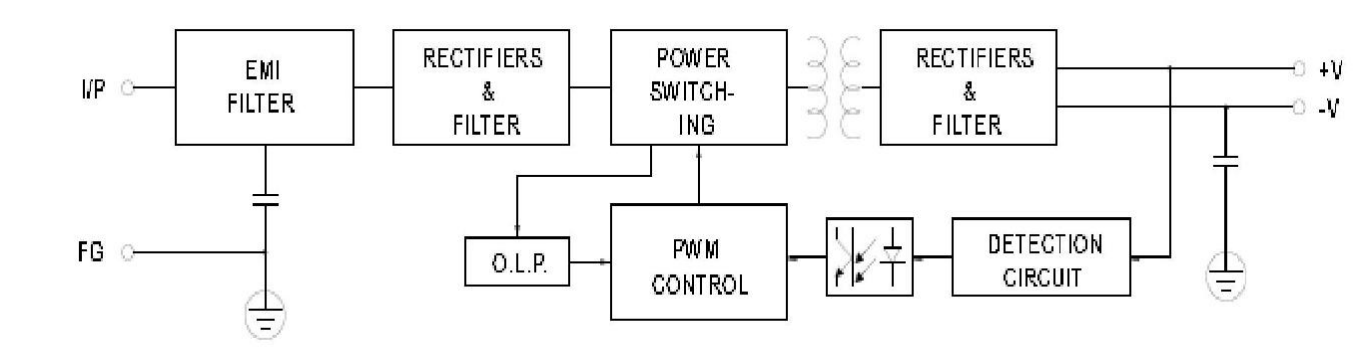
Technical Specification

Model			GWS-BP130-24C
Output	Group Of Output		1
	DC Voltage		24VDC
	Default Output Voltage		0-5.42A
	Ripple Noise	0<Ta≤55℃	≤50mVp-p
		-15≤Ta≤0℃	≤100mVp-p
	Stabilized Voltage Precision		±1%
	Line Regulation		±1%
	Load Regulation		±2%
	Temperature Coefficient		±0.03%/℃
	Output Start Time		≤3.0S (120Vac input, Full load); ≤2.0S (220Vac input, Full load)
Input	Output Hold Time		≥10mS(120Vac input, Full load); ≥20mS(220Vac input, Full load)
	Voltage Overshoot		<5.0%
	Input Voltage Range		90VAC~264VAC
	Input Rated Voltage Range		100VAC~240VAC
	Frequency Range		47Hz~63Hz
	Efficiency		89%
	Input Current		<1.1A
Protection	Output	Inrush Starting Current	<40A@300Vac Cold start
		Leakage Current	input to output less than 0.25mA
		Over Power	156~195W Swing machine (Testing method: Increase the output current until enabling the protection. Protection mode:Swing machine, Self-recovery after over-power released.)
		Over Voltage	28-29V Swing machine (Short circuit the Pin1-2 of U8, swing machine. Output recovery to normal after removing the short circuit) Note: Do not use external voltage.
		Over Current	6.5~8.13A Swing machine (Testing method: Increase the output current until enabling the protection. Protection mode:Swing machine,

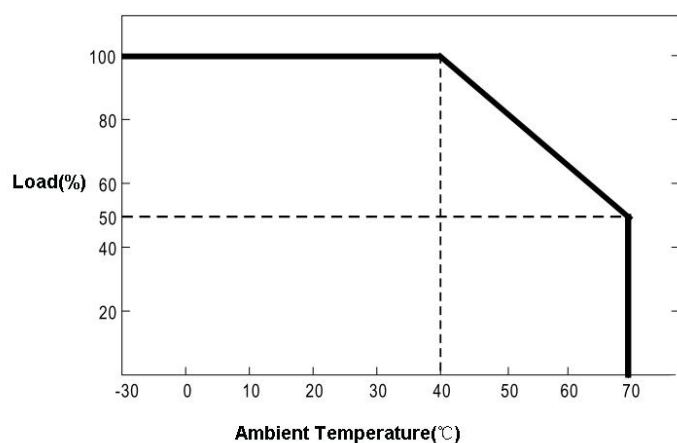
Dimension



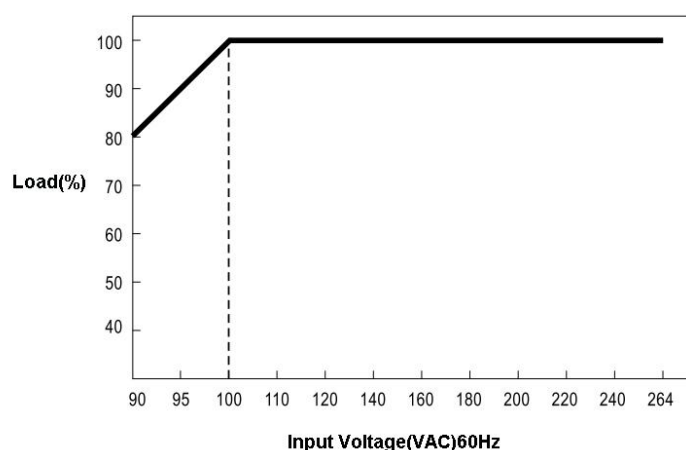
Block Diagram



Derating Curve



Static Characteristic Curve



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