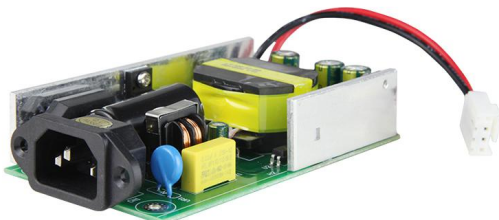


250W/24V Open Frame Power Supply(With Certification) (GWS-BP250-24C)



Features

ROHS

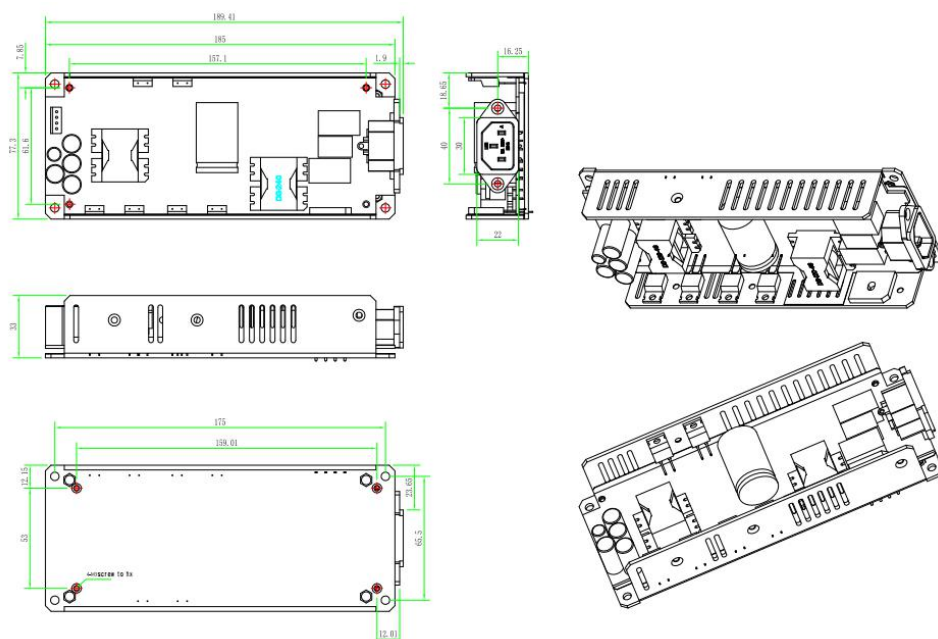
- Power Input: AC90~264V
- Support production for short circuit/over current/over voltage
- Wide operating ambient temp (-20℃~65℃)
- 100% full load aging test
- High efficiency, long life time and high reliability
- No fan, completely tranquil work
- 3 years warranty

Technical Specification

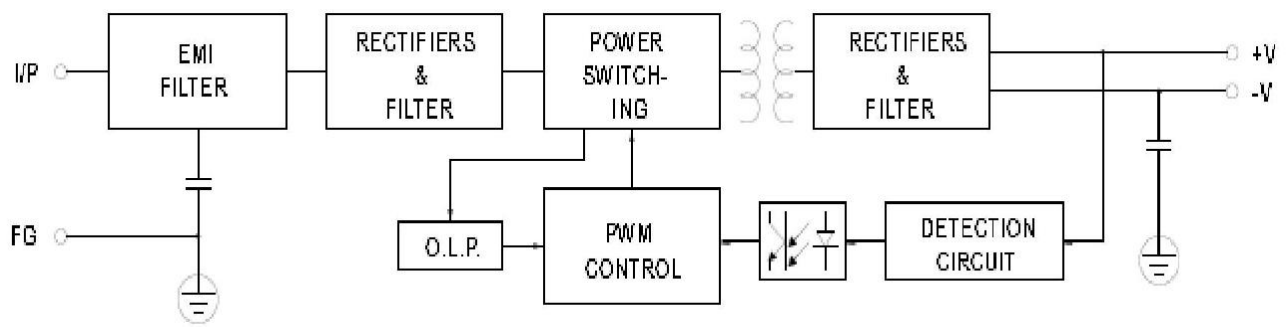
Model			GWS-BP250-24C
Output	Group Of Output		1
	DC Voltage		24VDC
	Default Output Voltage		0-10.42A
	Ripple Noise	0<Ta≤55℃	≤50mVp-p
		-15≤Ta≤0℃	≤100mVp-p
	Stabilized Voltage Precision		±1%
	Line Regulation		±1%
	Load Regulation		±2%
	Temperature Coefficient		±0.03%/℃
	Output Start Time		≤3.0S (120Vac 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		88%
	Input Current		<4A
Protection	Output	Inrush Starting Current	<40A@300Vac Cold start;
		Leakage Current	input to output ≤0.25mA
		Over Power	300~375W 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	12.5~15.63A Swing machine (Testing method: Increase the output current until enabling the protection. Protection mode:Swing machine, Self-recovery after over-current released.)
	Short Circuit		It can be short circuited for a long time and automatically recover after the short circuit is eliminated.

Operation Environment	Operation Temperature And Humidity	-20℃~65℃; 20%~90%RH No condensing
	Storage Temperature And Humidity	-40℃~85℃; 5%~95%RH No condensing
Certification	3C.CE. FCC.EMI/EMC	
Safety And EMC Standard	Security Standard	GB4943/EN60950
	Dielectric Strength	Input—Output:3KVac/10mA; Input--Case:1.5KVac/10mA; Output---Case:0.5KVDC/10mA Time for each testing is 1min.
	Insulation Resistance	Input-Output: 100M ohms; Input-Case: 100M ohms; Output-Case: 100M ohms
	Electromagnetic Interference	EN55022 Class A
	Harmonic Current	IEC61000-3-2 class A equipment requirements
	Electromagnetic interference Immunity	EN61000-4-2,4,5,6,8,11 ENV50204, class A heavy industry standard
Others	Design MTBF	100,000Hrs AT 25℃, MIL-217 Method 2 Components Stress Method
	Dimension	174*65*35mm
Notes	If the specification is not specified, all specifications and parameters shall be measured at rated input, rated load and 25 C ambient temperature. Ripple noise test method: the use of a 12# twisted pair, while the terminal to parallel capacitance of 0.1uF and 10uF, measured at the scope of the oscilloscope 20MHz bandwidth. The power supply will be installed on the final equipment as a component, and the final equipment will still have to meet the EMC condition.	

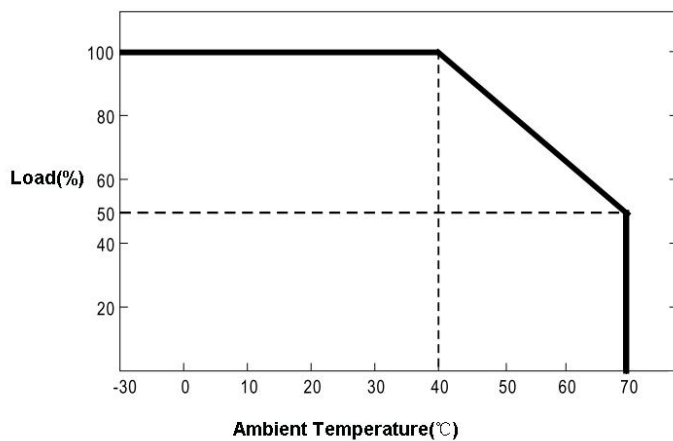
Dimension



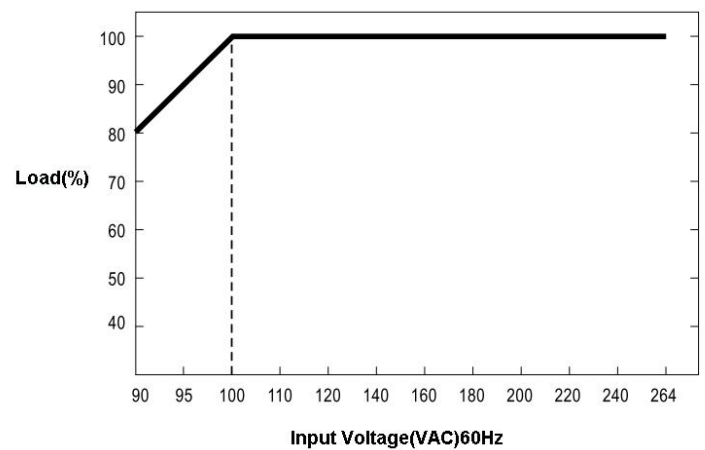
Block Diagram



Derating Curve



Static Characteristic Curve



Contact Us



Tel: 0086-755-33376606

Fax: 0086-755-33376608

Email: onv@onv.com.cn

Website: www.gwsdz.com/

Zip: 518000

Headquarter Address: Room 1003, Block D, Terra Building, Futian district, Shenzhen, China

Factory Address: The 4-6th Floor, A building, SenYuTai (Science&Technology) Park, HuaNing Road, Dalang sub-district, Longhua district, Shenzhen, China