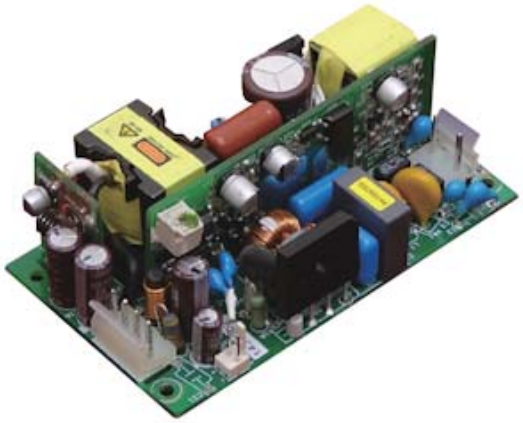
SNP-V12 Series

120 W AC/DC Medical Switch Mode Power Supplies – Open Frame

CoolPower Solutions

- Peak load, is 2 x rated load for 5 sec
- Convection cooling for Rated power
- Wide trimmable output voltage
- With Fan output, fan start-up at >30% loading
- PF > 0.93
- Design for BF application
- EMI class B



Electrical specifications

Input	Voltage	90-264 VAC
	Frequency	47-63 Hz
	Inrush Current	< 60 A at 230 VAC, cold start, 25ºC
Output	Output Power	120 W, 180 W with forced cooling, Peak 240 W
	Voltage (VDC)	See table below
	Current (A) max.	See table below
	Efficiency	87% - 89%
	Hold-up Time	>16 ms at rated load and 115VAC
	Touch current	< 100 µA
Protection	Over Load Protection	Auto recovery
	Short Circuit Protection	Auto recovery
	Over Voltage Protection	Latch off
Environment	Operating Temperature	-30°C … +70°C (derating: 2.5% / °C > 50°C)
	Storage Temperature	-40°C … +85°C
	Humidity	5% to 90% RH, non-condensing
Physical	Dimension (L x W x H)	60,7 x 101,6 x 32,0 mm
	Weight	300 g
	Cooling	Convection cooling, Fan output for forced cooling
	Connections	Terminals
Safety & EMC	EMI	EN55022 "B", EN61000-3-3
	Harmonics	EN61000-3-2, class A & D
	EMS	EN61000-4-2,-3,-4,-5,-6,-8,-11
	Safety Approvals	UL/CSA/EN60950-1, 2nd edition ANSI/AAMI/CSA/EN60601-1, 3.1 edition CB report, CE mark, RM report/file

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Models

Model	Output	Load			Efficiency Typical
		Rated	Max	Peak	
SNP-V127	+12 V	10,0 A	15,0 A	20,0 A	87%
SNP-V129	+24 V	5,0 A	7,5 A	10,0 A	89%

Notes

1. BF (body floating) application : Meet 2 x MOPP and Touch current < 100uA.
2. Convection cooling for Rated load ; Forced air cooling for Max. load ; Peak load can last for 5 sec.

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