

ALL PSU DATA SHEET.

120 Watt Desktop Power Supply / Battery Charger, (Single Output)

- * Power Supply Or Charger Output
- * 12, 24 & 48 Volt Output Versions
- * Lead Acid Battery Charger Versions
- * Protection For Short Circuit, Over Load, Over Temp, Over Voltage.
- * Built in Fan, On/Off Switch
- * Open Frame Version Available
- * Approvals UL/CUL/TUV/CB/CE
- * 2 Year Warranty



Specification.

Input Voltage	88~132 / 176~264 VAC, Selected By Switch
Input Inrush Current	Cold Start, 30A @ 115V, 60A @ 230V
Over Load Protection	90~110% Constant Current, Auto Recovery
	Depends on Power Supply / Charger Option
Over Voltage Protection	105~150% Of Rated Output Voltage
Set, Rise, Hold Up Time	1000mS, 50mS, 16mS @ Full Load & 230 VAC
Withstand Voltage	I/P-O/P 3KV, I/P-FG 1.5KV, 1 Minute
Working Temperature	0~40°C @ 100%, -10°C = 80%, +60°C = 50%
Safety Standards	UL1950, TUV EN60950, EN60335
EMC Standards	EN55022 class B, EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3, ENV50204
Input Connection	3 Pole IEC Inlet With Fuse
Output Connection	1.8 Metres 2 Core 18AWG Cable To 3 Pin MIC Alternative Connectors May Be Available.
Size Cased / Open PCB	180 x 96 x 49mm / 144 x 90 x 35mm

Models Listed In Table Below Are Fully Cased And Without PFC Option.

Model	Output	Output Type
PS-120N-13C	13.8V / 7.2A	Power Supply, Output Can Be Set Between 12-15 Volts.
PS-120N-27C	27.6V / 4.3A	Power Supply, Output Can Be Set Between 24-30 Volts.
PS-120N-54C	55.2V / 2.2A	Power Supply, Output Can Be Set Between 48-60 Volts.
PA-120N-13C	13.8V / 7.2A	Battery Charger, Pulse Charge Characteristic.
PA-120N-27C	27.6V / 4.3A	Battery Charger, Pulse Charge Characteristic.
PA-120N-54C	55.2V / 2.2A	Battery Charger, Pulse Charge Characteristic.
PB-120N-13C	13.8V / 7.2A	Battery Charger, Two Stage With Current Sensing.
PB-120N-27C	27.6V / 4.3A	Battery Charger, Two Stage With Current Sensing.
PB-120N-54C	55.2V / 2.2A	Battery Charger, Two Stage With Current Sensing.

Notes : For Power Factor Corrected Version Replace “N” In Part Number With “P”.
For Open Frame Version Replace “C” In Part Number With “P”

Further Desk Top Style Power Supplies Are Available From 10 To 120 Watts

Further Battery Chargers Are Available.

Details Can Be seen On Our Web Site At www.allpsu.co.uk

For full specification and mechanical drawing please contact ALL PSU sales office.
Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

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