

ALL PSU DATA SHEET.

120 Watt Desktop Power Supply / Multi Stage Battery Charger,

- * 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	Multi Stage Battery Charger, Cyclic Applications.
PA-120N-27C	27.6V / 4.3A	Multi Stage Battery Charger, Cyclic Applications.
PA-120N-54C	55.2V / 2.2A	Multi Stage Battery Charger, Cyclic Applications.
PB-120N-13C	13.8V / 7.2A	Multi Stage Battery Charger, General Applications.
PB-120N-27C	27.6V / 4.3A	Multi Stage Battery Charger, General Applications.
PB-120N-54C	55.2V / 2.2A	Multi Stage Battery Charger, General Applications.

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

For Open Frame Version Replace “C” In Part Number With “P”

Chargers : PA Series units for Cyclic application Batteries.

PB Series units for Stand-By Application Batteries.

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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