

## 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
<a href="#">PS-120N-13C</a>	13.8V / 7.2A	Power Supply, Output Can Be Set Between 12-15 Volts.
<a href="#">PS-120N-27C</a>	27.6V / 4.3A	Power Supply, Output Can Be Set Between 24-30 Volts.
<a href="#">PS-120N-54C</a>	55.2V / 2.2A	Power Supply, Output Can Be Set Between 48-60 Volts.
<a href="#">PA-120N-13C</a>	13.8V / 7.2A	Multi Stage Battery Charger, Cyclic Applications.
<a href="#">PA-120N-27C</a>	27.6V / 4.3A	Multi Stage Battery Charger, Cyclic Applications.
<a href="#">PA-120N-54C</a>	55.2V / 2.2A	Multi Stage Battery Charger, Cyclic Applications.
<a href="#">PB-120N-13C</a>	13.8V / 7.2A	Multi Stage Battery Charger, General Applications.
<a href="#">PB-120N-27C</a>	27.6V / 4.3A	Multi Stage Battery Charger, General Applications.
<a href="#">PB-120N-54C</a>	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](http://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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