



## PA-H100A Pulsed Arc Power Supply (formerly known as PA-100P)

The PA-H100A Programmable Pulsed Arc Power Supply is a single output unit, commonly supplied for laboratory use or single torch volume manufacture in 100 amp output configuration. The unit also provides options for programmable gas shield control.

Typical pulsed micro arc welding applications include wire to pin terminations, stranded wire consolidation and wire to component joining.

### Key Features PA-H100A Pulsed Arc Power Supply

- > Colour Touch Screen with graphical weld tracing
- > Constant Current Arc control to within 1% accuracy
- > Single or Double Pulse outputs
- > Simple to use, intuitive touch key menu.
- > Compact, high performance and low cost
- > Single phase 115VAC or 230VAC operation (PA-H20A, PA-H40A, PA-H60A)
- > The 100 Amp unit is three phase 380 / 460VAC (PA-H100A, PA-H200A)
- > One, two or four output variants with 20 to 200 amp outputs + options for gas contro

## Specifications PA-H100A Pulsed Arc Power Supply (formerly known as PA-100P) 1/2

Model	PA-H020A	PA-H040A	PA-H060A
Maximum Output Current	20 Amps DC	40 Amps DC	60 Amps DC
Duty cycle	5% @ 20A	5% @ 40A	5% @ 60A
Open circuit voltage	80VDC	60VDC	60VDC
Options	1,2 or 4 outputs	1 or 2 outputs	1 output Multi output on request
Mains supply 50/60Hz	110V/230VAC +/- 15%	110V/230VAC +/- 15%	110V/230VAC +/- 15%
Up slope time (0.1 ms steps)	0.1 - 99.9 ms	0.1 - 99.9 ms	0.1 - 99.9 ms
Peak weld time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms	0.1 - 999.9 ms
Down slope time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms	0.1 - 999.9 ms
2nd pulse weld delay time	1 - 999 ms	1 - 999 ms	1 - 999 ms
Cooling (overheat protected)	Fan	Fan	Fan
Max gas pressure	1 Bar - Single Output	1 Bar - Single Output	1 Bar - Single Output
Gas pre/purge timing	Programmable	Programmable	Programmable
<b>WEIGHT &amp; DIMENSIONS</b>			
Dimensions (D x W x H)	490 x 270 x 300mm	490 x 270 x 300mm	490 x 270 x 300mm

## Specifications PA-H100A Pulsed Arc Power Supply (formerly known as PA-100P) 2/2

Model	PA-H100A	PA-H200A
Maximum Output Current	100 Amps DC	200 Amps DC
Duty cycle	5% @ 100A	5% @ 100A
Open circuit voltage	45VDC	45VDC
Options	1 output Multi output on request	1 output
Mains supply 50/60Hz	380V/415/ 460 VAC 3 Phase	380V/415/ 460 VAC 3 Phase
Up slope time (0.1 ms steps)	0.1 - 99.9 ms	0.1 - 99.9 ms
Peak weld time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms
Down slope time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms
2nd pulse weld delay time	1 - 999 ms	1 - 999 ms
Cooling (overheat protected)	Fan	Fan
Max gas pressure	1 Bar - Single Output	1 Bar - Single Output
Gas pre/purge timing	Programmable	Programmable
<b>WEIGHT &amp; DIMENSIONS</b>		
Dimensions (D x W x H)	445 x 560 x 220mm	445 x 560 x 220mm

Product applications PA-H100A Pulsed Arc Power Supply (formerly known as PA-100P)



Connector pin termination



Micro wire pin connections



Micro wire pin termination



TIG ball & Wire combination



Wire to component pin

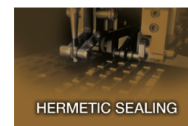


Zero contact coil termination

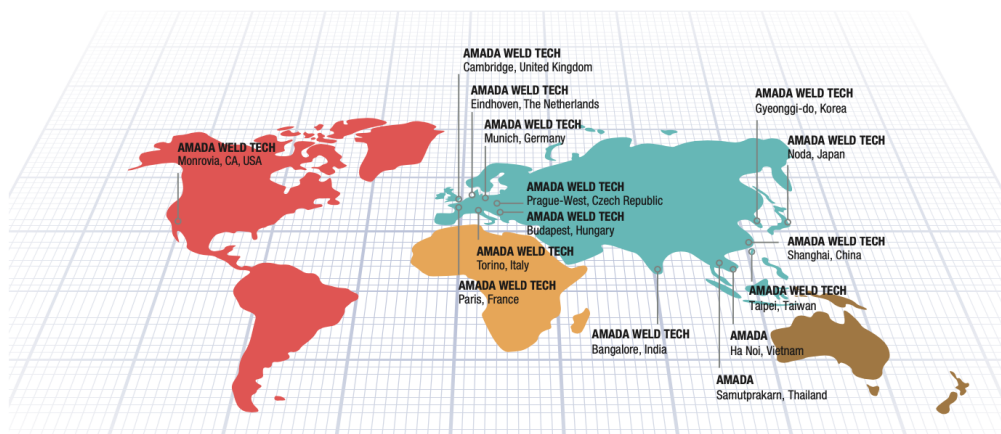
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## AMADA WELD TECH

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