

# PAW-50

## Application

Aerospace industry Pipe & tube fabrication  
 Pressure vessel industry  
 Medical instruments manufacturing  
 Vacuum equipment manufacturing

## Features

Inverter technology for energy-efficient  
 Thermal Overload Protection  
 Abnormal Signal Alarm Design  
 Arc current 0.2-25A adjustable  
 0-10V analog interface available to control welding current  
 2-stage switching pulse frequency  
 Complete plasma gas sequence control  
 With special welding function, perfect PLC control contact  
 Various welding modes optional, with full pulse wave adjustment function



## Specification

Input voltage range	V	220 V , 1Φ	Shield Gas Pre flow time	Sec	0.1~2.5
		-	Shield Gas Post flow time	Sec	2~25
Input voltage range	%	±15%	Spot time	Sec	0.1~5
Input frequency	HZ	50&60	Pulse current	A	1~50
Rated input capacity	KVA	1.26	Pulse frequency	HZ	High: 0.4~14
	KW	0.87			-
Rated output	V	12	Pulse frequency	%	Low: 14~500
	A	50			20~80
Welding amperage range	A	Main Arc 0.2~50	Duty cycle	-	50A / 100%
		Arc 0.2~25			-
Efficiency	%	68.7	Water cooler control	-	✓
Open-circuit voltage	V	Main Arc 65	Gas check	-	✓
		Arc 120	Crater control	-	Crater/ Repeat/SPOT
Up slope	Sec	0.1~5	Insulation class	-	H
Down slope	Sec	0.1~5	Protection class	-	IP21S
Plasma Gas Pre flow time	Sec	0.1~2.5	Dimension (W*D*H)	mm	550*395*760
Plasma Gas Post flow time	Sec	0.5~12	Net Weight	kg	55.6

