

PAW-500

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 1-30A 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	380 V ,3Φ	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	5~500
Rated input capacity	KVA	18.5	Pulse frequency	HZ	High: 0.4~14
	KW	17.2			-
Rated output	V	30	Pulse frequency	%	Low: 14~500
	A	500			20~80
Welding amperage range	A	Main Arc5~500	Duty cycle	-	500A / 100%
		Arc1~30			-
Efficiency	%	87	Water cooler control	-	✓
Open-circuit voltage	V	Main Arc143	Gas check	-	✓
		Arc103	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	600*540*1120
Plasma Gas Post flow time	Sec	0.5~12	Net Weight	kg	121.6

