

EXPAT-5000i AC/DCP

Welder



EXPAT-5000i AC/DCP Series is digital models with high end MCU technology, suitable for both automatic application and manual welding. It offers multiple parameters adjustment to ensure perfect welding for stainless steel (DC) welding and Aluminum (AC) welding.

FEATURES AND BENEFITS »

- Can remotely control current
- All parameters can be precisely adjusted in real time
- MMA: adjustable arc current, arc force current, easy arc starting
- Synchronous mutual arc feature (optional)
- Widely used for nuclear power installation, pipe installation, shipbuilding, high pressure container, etc.
- Suitable for stainless steel, carbon steel, copper, titanium, aluminum welding

PROCESSES »

DC TIG /AC TIG /PLUSE TIG /MMA

STANDARD EQUIPMENTS »

- 500 Amps Power Source
- Argon Regulator
- Water cooling TIG Torch
- Water cooling unit
- Trolley mounted
- 3 meter earth set
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TECHNICAL SPECIFICATION

Model		EXPAT-5000i AC/DCP
Rated input voltage/frequency (Hz)		3 phase, 415V±10%, 50 Hz
Rated input capacity (KVA)		25.4
Rated input current (A)		35.4
Duty cycle (40C)		60%@500A
OCV (V)(MMA /TIG)		45 /77
MMA	Output current range (A)	10-500
	Arc force (A)	10-200
TIG	Pre-gas/post gas (s)	0.1-9.99/0.1-60
	Initial/final current (A)	10-500 /20-500
	Up-slope/down-slope (s)	0.1-10 /0.1-15
	Peak current (A)	10-500
	Pulse frequency (Hz)	0.2-20
	Pulse duty cycle	15%-85%
	AC frequency (Hz)	20-100
	AC balance	-40%±40%
Protection class		IP21S
Dimension (mm)		665*353*778
Weight (kg /lb)		77 /170