

# EXPAT-4000i AC/DCP

## Welder



EXPAT-4000i 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 »

- 400 Amps Power Source
- Argon Regulator
- Water Cooling Torch
- Water Cooling Unit
- 3 Meter Earth Set
- Trolley Mounted
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**TECHNICAL SPECIFICATION**

<b>Model</b>		<b>EXPAT-4000i AC/DCP</b>
Rated input voltage/frequency (Hz)		3 phase, 400V±10%, 50 Hz
Rated input capacity (KVA)		18
Rated input current (A)		26
Duty cycle (40C)		60%@400A
OCV (V)(MMA /TIG)		45 /69
MMA	Output current range (A)	15-400
	Arc force (A)	10-200
TIG	Pre-gas/post gas (s)	0.1-9.99/0.1-60
	Initial/final current (A)	5-400 /5-400
	Up-slope/down-slope (s)	0.1-10 /0.1-15
	Peak current (A)	5-400
	Pulse frequency (Hz)	0.2-20
	Pulse duty cycle	15%-85%
	AC frequency (Hz)	20-200
AC balance		-40%±40%
Protection class		IP21S
Dimension (mm)		655*324*546
Weight (kg /lb)		50 /110.3