

# INVERTER ARC WELDER

## WELD SAFE WITH PRIMO

PRIMO 302

PRIMO 402

PRIMO 602

### Advantages

- ▶ PRIMO Series Inverter Based Power Sources are Highly efficient & Power saver
- ▶ Constant current characteristics irrespective of arc length variation
- ▶ Stepless current variation
- ▶ Excellent welding characteristics and performance even with cellulosic electrodes
- ▶ Smooth and stable arc with minimum spatter
- ▶ Greater efficiency as compared to conventional machines
- ▶ Portable, light weight, compact, easy to lift & carry

### Applications

- ▶ Ideally suited for Light & Medium Fabricators, Shipyards, Pressure vessel Fabricators
- ▶ Best option for multistoried / heightened structural fabrication works.
- ▶ Most useful where there are restrictions on input power consumption

PRIMO-302



PRIMO-402



PRIMO-602



WITH VRD  
INBUILT  
For  
PRIMO - 402/602

### Product Specialization

- ▶ Higher welding speed and deposition rates. High Productivity.
- ▶ Good and constant weld quality.
- ▶ Built-in protection for under voltage, over voltage & overheating
- ▶ No load power < 120 watts
- ▶ Substantially reduces the power consumption
- ▶ Easy arc strike / re-strike
- ▶ Maintained welding performance even with long welding cables.
- ▶ Site Safety archived with inbuilt V.R.D (Voltage Reduction Device)
- ▶ This causes welder's safety when machine is 'ON' but not welding in PRIMO- 402/602

**REXEL**

# INVERTER ARC WELDER

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## TECHNICAL SPECIFICATIONS

### INVERTER D.C. ARC WELDER

ASPECT	UNIT	MODEL	MODEL	MODEL
		PRIMO-302	PRIMO-402	PRIMO-602
<b>POWER SOURCE INPUT</b>				
Rated Input Voltage	Volts A.C	415+/-10%	415+/-10%	415+/-10%
Rated frequency	Hz	50/60	50/60	50/60
Phases	No.	3	3	3
Max. input power at 60% duty cycle	KVA	13	19	34
Max. input current at 60% duty cycle	Amps	20	28	48
Recommended switch / fuse rating	Amps	TP-30	TP-40	TP-60
<b>OUTPUT</b>				
		Constant Current	Constant Current	Constant Current
Open Circuit Voltage / OCV(Maximum)	Volts D.C.	85	100	100
Welding current range	Amps D.C.	20-300	20-400	20-600
Welding Current at 60% duty cycle	Amps D.C.	300	400	600
Welding Current at 100% duty cycle	Amps D.C.	230	310	465
<b>OTHER SPECIFICATIONS</b>				
Type of Cooling		Forced Air(Fan cooled)	Forced Air(Fan cooled)	Forced Air(Fan cooled)
Class of Insulation		IP 21S	IP 21S	IP 21S
Recommended Welding Electrode Size	mm	2.5 - 5	2.5 - 6.3	
Recommended Gouging Electrode Size	mm	-	-	8(max)
Overall Dimensions (LXWXH)	mm	510 x 240 x 420	610 x 300 x 580	610 x 300 x 580
Approx.net weight	Kg.	24	31	36.5
Handle,Digital Amp/Voltmeter		Standard scope of supply	Standard scope of supply	Standard scope of supply
Remote Control Regulator		X	Available	Available
VRD Feature		X	Available	Available

Manufactured By :



### Ace Weld Engineers

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