



**PLASONIC UNITS  
MANUFACTURED  
IN SOUTH AFRICA**



# PLASONIC IGBT INVERTERS

## LOCALLY MANUFACTURED WELDING MACHINE

### PREMIUM QUALITY DC INVERTERS - IGBT , 100 % duty cycle

PLASONIC IGBT INVERTERS are suitable for MMA & Argon Lift TIG welding. Lightweight & portable, DC current output, better welding characteristics, improved current regulation, 100% duty cycle, less power consumption, robust, simple, and durable construction, powder coated finish.

### CODE

### DESCRIPTION



INCLUDES: 3MT EARTH & ELECTRODE CABLES  
OPTIONAL: TIG TORCH, FLOWMETER

#### IGBT 200 CC - 220 V

200 AMPS 100 % DUTY CYCLE  
WELDING PROCESS: MMA/LIFT TIG  
INPUT POWER (VOLTS): 220 V  
FREQUENCY (Hz): 50/60 Hz  
RATED INPUT CURRENT (AMPS): 25 A  
OPEN CIRCUIT VOLTAGE: 51 V  
**WELD SAFE (VRD): YES**  
OUTPUT CURRENT: 200A  
RATED OUTPUT VOLTAGE: 20 V  
DUTY CYCLE (%) : 100% @ 200A  
VENTILATION: FORCED  
COOLING: FAN  
ARC FORCE REGULATION: 0 - 100  
INSULATION GRADE: F  
PROTECTION GRADE: IP 21  
WEIGHT (KG): 16.5  
DIMENSIONS (BOXED) ((MM)): 480X334400XX332200



INCLUDES: 3MT EARTH & ELECTRODE CABLES  
OPTIONAL: TIG TORCH, FLOWMETER

#### IGBT 200 CC - 525 V

200 AMPS 100 % DUTY CYCLE  
WELDING PROCESS: MMA/LIFT TIG  
INPUT POWER (VOLTS): 525 V  
FREQUENCY (Hz): 50/60 Hz  
RATED INPUT CURRENT (AMPS): 15 A  
OPEN CIRCUIT VOLTAGE: 69 V  
**WELD SAFE (VRD): YES**  
OUTPUT CURRENT: 200A  
RATED OUTPUT VOLTAGE: 28 V  
DUTY CYCLE (%) : 100% @ 200A  
VENTILATION: FORCED  
ARC FORCE REGULATION: 0 - 100  
COOLING: FAN  
INSULATION GRADE: F  
PROTECTION GRADE: IP 21  
WEIGHT (KG): 30  
DIMENSIONS (BOXED) (MM): 750x340x420



INCLUDES: 3MT EARTH & ELECTRODE CABLES  
OPTIONAL: TIG TORCH, FLOWMETER

#### EWM0014-L IGBT 300 CC - 380 / 525 V

300 AMPS 100 % DUTY CYCLE  
WELDING PROCESS: MMA/LIFT TIG  
INPUT POWER (VOLTS): 380/525 V  
FREQUENCY (Hz): 50/60 Hz  
RATED INPUT CURRENT (AMPS): 15 A  
OPEN CIRCUIT VOLTAGE: 51 V  
**WELD SAFE (VRD): YES**  
OUTPUT CURRENT: 300A  
RATED OUTPUT VOLTAGE: 29 V  
DUTY CYCLE (%) : 100% @ 300A  
VENTILATION: FORCED  
ARC FORCE REGULATION: 0 - 100  
COOLING: FAN  
INSULATION GRADE: F  
PROTECTION GRADE: IP 21  
WEIGHT (KG): 30/35  
DIMENSIONS (BOXED) (MM): 750x340x420





# PLASONIC IGBT INVERTERS


## LOCALLY MANUFACTURED WELDING MACHINE

### PREMIUM QUALITY DC INVERTERS - IGBT , 100 % duty cycle

PLASONIC IGBT INVERTERS are suitable for MMA & Argon Lift TIG welding. Lightweight & portable, DC current output, better welding characteristics, improved current regulation, 100% duty cycle, less power consumption, robust, simple, and durable construction, powder coated finish.

CODE	DESCRIPTION
 <p>INCLUDES: 3MT EARTH &amp; ELECTRODE CABLES OPTIONAL: TIG TORCH, FLOWMETER</p>	<p><b>400 AMP - 380/525 V</b>            400 AMPS 100% DUTY CYCLE            WELDING PROCESS MMA            INPUT POWER (VOLTS): 380/525 VOLT            FREQUENCY (Hz): 50/60 Hz            RATED OUTPUT CURRENT (AMPS) : +- 35 AMPS            OPEN CURRENT VOLTAGE : 64 V  <b>WELD SAFE (VRD): YES</b>            AMPERAGE SELECTOR 1-5, +- 100AMPS PER STEP            OUTPUT CURRENT: 400 AMP            RATED OUTPUT VOLTAGE; 48 VOLT            VENTILATION FORCED            COOLING: FAN            INSULATION GRADE: F            PROTECTION GRADE: IP 21            WEIGHT: 40 KG            DIMENSIONS: 750 x 340 x 420 mm            NOTE: ALSO AVAILABLE IN WATER RESISTANT UNIT</p>
 <p>INCLUDES: 3MT EARTH &amp; ELECTRODE CABLES OPTIONAL: TIG TORCH, FLOWMETER</p>	<p><b>IGBT 600 CC - 380 / 525</b>            600 AMPS 100 % DUTY CYCLE            WELDING PROCESS: MMA/LIFT TIG            INPUT POWER (VOLTS): 380/525 V            FREQUENCY (Hz): 50/60 Hz            RATED INPUT CURRENT (AMPS): 33/28 A            OPEN CIRCUIT VOLTAGE: 70 V  <b>WELD SAFE (VRD): YES</b>            VOLT SAFE (VRD): YES            OUTPUT CURRENT: 600A            RATED OUTPUT VOLTAGE: 36 V            DUTY CYCLE (%) : 100% @ 600A            VENTILATION: FORCED            COOLING: FAN            ARC FORCE REGULATION: 0 - 100            INSULATION GRADE: F            PROTECTION GRADE: IP 21            WEIGHT (KG): 110/120            DIMENSIONS (BOXED) (MM): 1000X580X880</p>

### GOUGING MACHINE 600 AMP transformer type

CODE	DESCRIPTION
 <p>INCLUDES: 3MT EARTH &amp; ELECTRODE CABLES OPTIONAL: GOUGING TORCH K4000 OR 5000 TYPE, WELD SAFE (VRD) , VARIAC TO CONTROL 1 - 600 AMPS</p>	<p><b>600 AMP - 380 / 525 V</b>            600 AMPS 100 % DUTY CYCLE            WELDING PROCESS: MMA/GOUGING            INPUT POWER (VOLTS): 380/525 V            FREQUENCY (Hz): 50/60 Hz            RATED INPUT CURRENT (AMPS): +- 40 A            OPEN CIRCUIT VOLTAGE: 64 V            AMPERAGE SELECTOR 1-5, +- 100AMPS PER STEP            OUTPUT CURRENT: 600A            RATED OUTPUT VOLTAGE: 48 V            DUTY CYCLE (%) : 100% @ 600A            VENTILATION: FORCED            COOLING: FAN            INSULATION GRADE: F            PROTECTION GRADE: IP 21</p>






# PLASONIC IGBT INVERTERS

## LOCALLY MANUFACTURED WELDING MACHINE

### PREMIUM QUALITY MIG WELDERS

MAC-WELD TRANSFORMER type Compact MIG Welders

DC Current output, 60% Duty Cycle, Excellent welding characteristics, less power consumption, robust, simple, and durable construction, powder coated finish

CODE	DESCRIPTION
 <p>INCLUDES: MB 25 TORCH, FLOW METER, 4 MT EARTH CABLE</p>	<p><b>MIG 250 COMPACT - 380V</b>            250 AMPS 60 % DUTY CYCLE            WIRE DIAMETER SOLID: 0.8mm - 1.0mm            WIRE FEED SYSTEM: 2 WHEEL DRIVE            INPUT POWER (VOLTS): 380V            FREQUENCY (Hz): 50/60Hz            RATED INPUT CURRENT (AMPS): 15A            NO LOAD VOLTAGE (DC): 38V            OUTPUT CURRENT: 250A            REGULATION STEPS: 10            DUTY CYCLE: 60%            VENTILATION: FORCED            COOLING: FAN            INSULATION GRADE: F            PROTECTON GRADE: IP 21            WEIGHT (KG)BOXED: 98KGS            DIMENSIONS (mm) BOXED: 1000X580X800</p>
 <p>INCLUDES: MB 25 TORCH, FLOW METER, 4 MT EARTH CABLE</p>	<p><b>MIG 300 COMPACT - 380V</b>            300 AMPS 60 % DUTY CYCLE            WIRE DIAMETER SOLID: 0.8mm - 1.2mm            WIRE FEED SYSTEM: 2 WHEEL DRIVE            INPUT POWER (VOLTS): 380V            FREQUENCY (Hz): 50/60Hz            RATED INPUT CURRENT (AMPS): 17A            NO LOAD VOLTAGE (DC): 38V            OUTPUT CURRENT: 300A            REGULATION STEPS: 10            DUTY CYCLE: 60%            VENTILATION: FORCED            COOLING: FAN            INSULATION GRADE: F            PROTECTON GRADE: IP 21            WEIGHT (KG)BOXED: 99.6KGS            DIMENSIONS (mm) BOXED: 1000X580X800</p>
 <p>NCLUDES: MB 25 TORCH, FLOW METER, 4 MT EARTH CABLE</p>	<p><b>MIG 360 COMPACT - 380V</b>            360 AMPS 60 % DUTY CYCLE            WIRE DIAMETER SOLID: 0.8mm - 1.2mm            WIRE FEED SYSTEM: 2 WHEEL DRIVE            INPUT POWER (VOLTS): 380V            FREQUENCY (Hz): 50/60Hz            RATED INPUT CURRENT (AMPS): 20A            NO LOAD VOLTAGE (DC): 42V            OUTPUT CURRENT: 360A            REGULATION STEPS: 20            DUTY CYCLE: 60%            VENTILATION: FORCED            COOLING: FAN            INSULATION GRADE: F            PROTECTON GRADE: IP 21            WEIGHT (KG)BOXED: 110KGS            DIMENSIONS (mm) BOXED: 1000X580X800</p>



# PLASONIC IGBT INVERTERS

## LOCALLY MANUFACTURED WELDING MACHINE

### PREMIUM QUALITY MIG WELDERS DUAL VOLTAGE

MAC-WELD TRANSFORMER type SEPARATE WIRE FEEDER MIG Welders

DC Current output, 60% Duty Cycle, Excellent welding characteristics, less power consumption, robust trolley design simple, and durable construction, powder coated finish. Standard with 4mt INTERCONNECTING CABLE on wire feeder.

CODE	DESCRIPTION
 <p data-bbox="97 1220 694 1279">INCLUDES: MB 36 TORCH, FLOW METER, 4 MT EARTH CABLE, 4MT INTERCONNECTING CABLE</p>	<p data-bbox="694 472 1500 1019"><b>MIG 360 - 380V / 525 VOLTS</b> 360 AMPS 60 % DUTY CYCLE WIRE DIAMETER SOLID: 0.8mm - 1.2mm WIRE DIAMETER FLUX CORED: 1.0mm - 1.6mm WIRE FEED SYSTEM: 4 WHEEL DRIVE INPUT POWER (VOLTS): 380/525V FREQUENCY (Hz): 50/60Hz RATED INPUT CURRENT (AMPS): 20A NO LOAD VOLTAGE (DC): 42V OUTPUT CURRENT: 360A REGULATION STEPS: 20 DUTY CYCLE: 60% VENTILATION: FORCED COOLING: FAN INSULATION GRADE: F PROTECTON GRADE: IP 21 WEIGHT (KG)BOXED: 135KGS DIMENSIONS (mm) BOXED: 1000X580X800</p>
 <p data-bbox="97 2072 694 2128">INCLUDES: MB 40 TORCH, FLOW METER, 4 MT EARTH CABLE, 4MT INTERCONNECTING CABLE</p>	<p data-bbox="694 1279 1500 1825"><b>MIG 500 - 380 / 525 VOLTS</b> 500 AMPS 60 % DUTY CYCLE WIRE DIAMETER SOLID: 0.8mm - 1.6mm WIRE DIAMETER FLUX CORED: 1.2mm - 3.2mm WIRE FEED SYSTEM: 4 WHEEL DRIVE INPUT POWER (VOLTS): 380/525V FREQUENCY (Hz): 50/60Hz RATED INPUT CURRENT (AMPS): 28A NO LOAD VOLTAGE (DC): 44V OUTPUT CURRENT: 500A REGULATION STEPS: 20 DUTY CYCLE: 60% VENTILATION: FORCED COOLING: FAN INSULATION GRADE: F PROTECTON GRADE: IP 21 WEIGHT (KG)BOXED: 196KGS DIMENSIONS (mm) BOXED: 1000X580X800</p>



# PLASONIC IGBT INVERTERS

LOCALLY MANUFACTURED WELDING MACHINE

**PREMIUM QUALITY MULTI PROCESS WELDERS DUAL VOLTAGE.  
MIG/MMA & TIG DC WELDING**

MAC-WELD IGBT type SEPARATE WIRE FEEDER Welders

DC Current output, 100% Duty Cycle, Excellent welding characteristics, less power consumption, robust trolley design simple, and durable construction, powder coated finish. Standard with 4mt INTERCONNECTING CABLE on wire feeder.

CODE	DESCRIPTION
 <p data-bbox="105 1178 663 1261">INCLUDES: MB 40 TORCH, FLOW METER, 4 MT EARTH CABLE, 4MT INTERCONNECTING CABLE OPTIONAL: TIG TORCH</p>	<p data-bbox="703 510 1235 1055"><b>IGBT 400 CC CV - 380 / 525 V</b> 400 AMPS 100 % DUTY CYCLE WIRE FEED SYSTEM: 4 WHEEL DRIVE INPUT POWER (VOLTS): 380/525V FREQUENCY (Hz): 50/60Hz RATED INPUT CURRENT (AMPS): 25 A OPEN CIRCUIT VOLTAGE: 65 V WELD SAFE (VRD): YES OUTPUT CURRENT: 400A RATED OUTPUT VOLTAGE: 30 V DUTY CYCLE (%) : 100% @ 600A VENTILATION: FORCED COOLING: FAN ARC FORCE REGULATION: 0 - 100 INSULATION GRADE: F PROTECTION GRADE: IP 21 WEIGHT (KG): 110/120 DIMENSIONS (BOXED) (MM): 1000X580X880</p>
 <p data-bbox="105 2011 663 2094">INCLUDES: MB 40 TORCH, FLOW METER, 4 MT EARTH CABLE, 4MT INTERCONNECTING CABLE OPTIONAL: TIG TORCH</p>	<p data-bbox="703 1276 1235 1821"><b>IGBT 600 CC CV - 380 / 525 V</b> 600 AMPS 100 % DUTY CYCLE WIRE FEED SYSTEM: 4 WHEEL DRIVE INPUT POWER (VOLTS): 380/525V FREQUENCY (Hz): 50/60Hz RATED INPUT CURRENT (AMPS): 33 A OPEN CIRCUIT VOLTAGE:: 65 V INCLUDES: WELD SAFE (VRD): YES OUTPUT CURRENT: 600A RATED OUTPUT VOLTAGE: 36 V DUTY CYCLE (%) : 100% @ 600A VENTILATION: FORCED COOLING: FAN ARC FORCE REGULATION: 0 - 100 INSULATION GRADE: F PROTECTION GRADE: IP 21 WEIGHT (KG): 110/120 DIMENSIONS (BOXED) (MM): 1000X580X880</p>

**NOTE: ALSO AVAILABLE IN 1000 AMPS**






# PLASONIC IGBT INVERTERS


## LOCALLY MANUFACTURED WELDING MACHINE

### PREMIUM QUALITY WIRE FEEDERS

MAC-WELD WIRE FEEDERS CAN BE USED ON MOST OTHER WELDING MACHINES WITH A FEW MODIFICATIONS. RELIABLE, ROBUST, SIMPLE AND COMPACT. CABLES & TORCHES SOLD SEPERATELY

CODE	DESCRIPTION
	<b>WIRE FEEDER HD 24 V</b> INCH , SPOT TIMER , DIGITAL DISPLAY, 2T(SEMI AUTO) 4T(AUTO) FUNCTIONS DIGITIL DISPLAY WIRE FEED SYSTEM: 4 WHEEL DRIVE FEED ROLLERS(SOLID WIRE): 0.8mm - 1.6mm INPUT POWER (VOLTS): 24 V
	<b>WIRE FEEDER HD 24 V</b> ONLY WIRESPEED CONTROLL WIRE FEED SYSTEM: 4 WHEEL DRIVE FEED ROLLERS(SOLID WIRE): 0.8mm - 1.6mm INPUT POWER (VOLTS): 24 V
	<b>WIRE FEEDER HD 24 V</b> ONLY WIRESPEED CONTROLL WIRE FEED SYSTEM: 2 WHEEL DRIVE FEED ROLLERS(SOLID WIRE): 0.8mm - 1.6mm INPUT POWER (VOLTS): 24 V

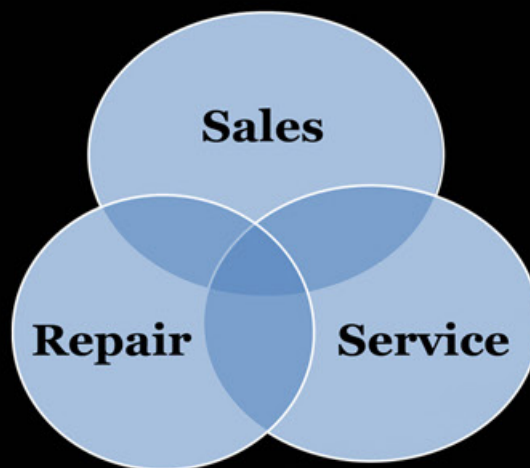
### WATER COOLER

	<b>WATER COOLER</b> 10 LITRE FLOW RATE 8 L pm 220 VOLT RECOMMENDED FOR USE OF MIG & TIG WATER COOLED TORCHES * WATERCOOLER FOR SPOTWELDERS COMING FEB 2014**
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### VOLTAGE REDUCER 600 AMP

PLASONIC VOLTAGE REDUCERS. DC Current output, 100% Duty Cycle. EXTERNAL UNIT, OUTPUT STUDS ON INPUT AND OUTPUT SIDES

	<b>WIRE FEEDER HD 24 V</b> VOLT SAFE VOLTAGE: 3.8 V R 7,902.31 INPUT: 80V OUTPUT: 3.8V - 80V DUTY CYCLE: 600 A @ 100% VENTILATION: FORCED COOLING: FAN INSULATION GRADE: F PROTECTION GRADE: IP 21 WEIGHT (KG): 13 KGS DIMENSIONS (UNBOXED) (MM): 370X340X300
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# **PLASONIC**

**WELDING & INDUSTRIAL SUPPLIES**

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