

# inverter Beta

## Standard equipment

Both models come complete with cables, brush/hammer and semiprofessional mask.



1860/140A  
1860/160A

B  
E  
T  
A  
B  
E  
T  
A



 **Beta**

Beta Utensili S.p.A.  
Via A. Volta, 18 - 20050 Sovico (MI) Italy  
Tel. +39 039.2077.1 - Fax +39 039.2010742  
[www.beta-tools.com](http://www.beta-tools.com)  
[info@beta-tools.com](mailto:info@beta-tools.com)



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# inverter

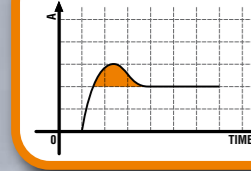


**INVERTER TECHNOLOGY**

This technology can be applied to electrode and TIG welders to minimize dimensions and weight. This technology is so versatile as to make it possible to use electrodes varying in type, thus producing outstanding results in terms of both mechanical resistance and aesthetic appeal, in welders which can be easily carried to the working site.



**HOT START**

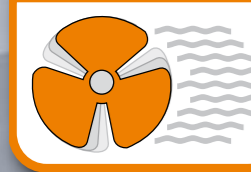


**Hot Start**

striking overcurrent compared to the set value. It allows quicker ignition of the electric arc.



**AIR COOLED**

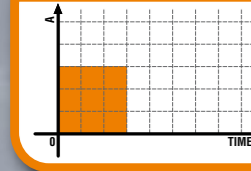


**Air cooled**

forced air cooling system



**ANTI STICKING**

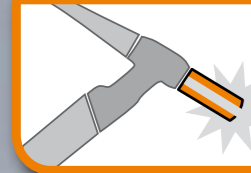


**Anti sticking Function**

automatic cut-out, preventing the electrode from burning out, if this should accidentally weld to the surface being worked.



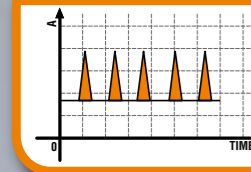
**TIG READY**



**Tig ready**

supports TIG technology.

**ARC-FORCE**



**Arc force**

automatic current regulation, which allows the electric arc to be stabilized, while preventing it from being accidentally cut out.

**PROFESSIONAL DUTY CYCLE**

**High Duty Cycle**

the duty cycle or operating factor means the operating rate of the welder within 10 minutes' time. Hence 60% at 130 A means that operation at 130 A makes it possible to weld for 6 minutes non-stop, followed by a 4 minutes' stop for cooling. Exceeding this ratio would cause the thermal protection of the inverter to be enabled.



**TWO VERSIONS FOR EACH NEED**

**140A:** for electrodes up to 3.2 mm with excellent welding penetration, compact, quick; it also runs with motor generators.

**160A:** for totally safe welds on thick frameworks. Performance based on remarkable mechanical characteristics under any conditions. It also works with motor generators; what is more, the high utilization factor makes intensive use possible non-stop.

	018600014 1860/140A	018600016 1860/160A
Regulation current	5-130A	5-155A
Power supply	1x230V	1x230V
Potenza assorbita	MAX 3,0 KVA	MAX 3,7 KVA
Operating factor	35% - 130 A 60% - 80 A 100% - 70 A	35% - 150 A 60% - 130 A 100% - 100 A
Delayed fuse	20 A	20 A
Protection index	IP23	IP21
Use with generators	✓	✓
Operating temperature	-15/+40° C (+5/+104° F)	-15/+40° C (+5/+104° F)
Elettrodi utilizzabili	Ø 1.5 - 3.25mm	Ø 1.5 - 4mm
Dimensions	330x130x200mm	330x130x200mm
Weight	4.0 Kg	4.3 Kg