



Data sheet

Process	Supply Voltage (VAC)	Rated output	Welding Amperage Range	Max. Open Circuit Voltage	Input at Rated Output, 60 Hz.			Dimensions in (mm)	Weight lb (kg)
					A	kVA	Kw		
Stick	Motor Generator	185 A @ 25.4 VDC 30% D.C.	30 A - 185 A	85 V	-	-	-	H: 25.2 (640) W: 26 (660) L: 33 (830)	Net: 264.5 (120) Ship: 297.6 (135)
TIG		125 A @ 23 VCD 100% D.C.			-	-	-		
Stick	External 127 V External 220 V	185 A @ 17.5 VDC 30% D.C.	15 A - 185 A		-	-	-		
Stick		110 A @ 22.4 VDC 30% D.C.	30 A - 110 A		36	4.6	3.4		
		185 A @ 25.4 VDC 30% D.C.	30 A - 185 A	45	9.9	6.0			
		110 A @ 14.4 VDC 30% D.C.	15 A - 110 A	26	3.4	2.4			
TIG	External 127 V External 220 V	185 A @ 17.4 VDC 30% D.C.	15 A - 185 A	32	7.4	4.6			

Note: specified values at sea level

Process:

- STICK welding (SMAW) in diameters from 1/16" to 5/32" (1.6 mm to 4.0 mm) on E7018, E6013, E6011 electrodes, stainless steel and aluminum can be welded.
- DC TIG welding (GTAW) mainly for stainless steel welding, with controlled arc starting with CONTACT-TIG system, with tungsten electrode in diameters from 0.040" and 1/16" (1 mm to 1.6 mm).
- Operates as:
 - Welding machine
 - 6500 Watts peak auxiliary power plant, 120/240 V, 1 phase, 60 Hz.

Comes With:

- Wheels and handlebars installed on the machine
- Welding cable set (with earth clamp, electrode holder and quick connectors).
- Power cable for external electrical connection with 220V plug.
- Adapter for power cable from 220 to 127V.
- User manual that includes: operation guide, maintenance guide, parts list and warranty policy.

Engine Specifications:

Motor	Power	Type	Generator Power Rating 1 phase, 60 Hz	Capacity:	System From Startup
<i>Kholer CH 440</i>	14 HP @ 3600 RPM	Single - Cylinder Air-cooled	6500 W Peak 6200 W continuous	Fuel: 7 L Oil: 0.980 L	Electric or Manual with picket retractable





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Advantages:

- Electric or manual start.
- Manual acceleration system.
- Alternator type generator, 10KVA.
- Recommended for light industrial work
- Easy to transport, light and safe.
- Fine adjustment current control.
- Auxiliary output of 6500 watts peak for the operation of power tools or lighting in night work.
- KOHLER brand, CH440, single cylinder, air-cooled engine 14 hp @ 3600 rpm.
- Gasoline engine, low fuel consumption 3.8 L / h
- 7 liter fuel tank capacity
- Solid state ignition system.

From the power source:

- Inverter type power source
- Dual supply voltage 127/220 V, C.A. +/- 10 V% (automatically configured according to the voltage present)
- Digital process selector
- Electronic current control that allows a precise adjustment of the welding current.
- Protection against excessive heating that prevents damage to equipment from abuse of duty cycles
- Forced ventilation cooling system.
- Indicator lights for power, supply voltage present, process and thermal protection.



Applications:

- Welding in places without electrical supply.
- Lighting in night workplaces.
- Power tool operation.
- Generation of electrical energy for domestic use, outdoor activities, camps, buildings, among others.
- Repair and maintenance