

Sanrex Light Industrial Family of Welding Inverters

Bring professional-grade welding anywhere you need it. Our compact, easy-to-use inverter welders deliver top-tier MIG, STICK and TIG performance — whether you're a DIYer, an on-site fabricator, or a maintenance pro.

Designed for real-world flexibility: Plugs into standard outlets; Moves effortlessly between jobs; Affordable without compromising power; Saves time, labor, and transportation.

Ideal across industries like: Home and hobby; Farm and ranch; Maintenance and repair; Education and training; Light industrial; Shipboard and petro/chemical fabrication.



SANSTICK 140S SANSTICK 160S SANARG 180AP SANMIG 200MF SANMIG 250MF

Light Industrial Comparison

		140S	160S	180AP	200MF	250MF
Process Capabilities	MIG/Flux-cored				X	X
	DC Stick	X	X	X	X	X
	DC TIG	X	X	X	X	X
	AC TIG			X		
	AC/DC Pulse TIG			X		
Material Compatibility	Mild Steel	X	X	X	X	X
	Stainless Steel	X	X	X	X	X
	Aluminum			X	X (w/Spool Gun)	X (w/Spool Gun)
	Material Thickness	3/16"	1/4"	1/4"	24-gauge to 1/4"	24-gauge to 3/8"
Power	120/240vac, 1 Phase	X	X	X	X	X
Features	Synergic (Quickset)				X	X
	PFC		X	X	X	X
	TIG High-Frequency Starts			X		
	TIG Lift-TIG Starts	X	X	X	X	X
	Ready to weld STICK Pkg.	X	X			
	Ready to weld MIG/STICK Pkg.				X	X
	Ready to weld TIG Pkg.			X		

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SANSTICK 140S

DC STICK (SMAW), DC Lift Start TIG (GTAW), Output: DC 140Amps. Operates on 120/240vac Single Phase. Weight 9.9lbs. Certification CSA. Welds material to 3/16 in thick.

SANSTICK 160S

DC STICK (SMAW), DC Lift Start TIG (GTAW), 6010 Electrode compatible. Output: DC 125/160Amps. Operates on 120/240vac Single Phase. With PFC. Certification CSA. Weight: 17.6lbs. Welds material to 1/4" thick.

SANARG 180AP

AC/DC TIG (GTAW), Pulsed TIG (GTAW-P), STICK (SMAW) with HF Start, Lift Start, AC Frequency. AC Balance, Hot Start. Output: AC/DC 140/200 Amps, Operates on 120/240vac Single Phase. With PFC. Certification CSA. Weight: 24.7lbs. Welds material from 24-gauge to 1/4 in thick material.

SANMIG 200MF

Full Multi-Process; DC MIG (GMAW), DC STICK (SMAW), DC Lift Start TIG (GTAW) Synergic; One-Knob control automatically sets your welder to the proper parameters. Simply set process, material, wire, gas and go. Eliminates guesswork and saves you time on setup. MIG Spool Gun available for welding Aluminum. DC Output 140/200 Amps. Operates on 120/240vac. With PFC. Certification CSA. Weight: 39.24lbs. Welds material from 24-gauge to 1/4 in thick material.

SANMIG 250MF

Full Multi-Process; DC MIG (GMAW), DC STICK (SMAW), DC Lift Start TIG (GTAW) Synergic; One-Knob control automatically sets your welder to the proper parameters. Simply set process, material, wire, gas and go. Eliminates guesswork and saves you time on setup. MIG Spool Gun available for welding Aluminum. DC Output 140/250 Amps. Operates on 120/240vac. With PFC. Certification CSA. Weight: 48.5lbs. Welds material from 24-gauge to 3/8" thick material.