

# SANARG 300AP

LIGHT, PORTABLE, INDUSTRIAL AND DURABLE



**3 YEAR WARRANTY**



PARAMETERS		SANARG 300AP			
<b>Model</b>		IA-3000TP-U2E			
<b>Description</b>		AC / DC HF TIG, LIFT TIG, STICK			
<b>Rated Output</b>		300 A at 32 V, 25% Duty Cycle (STICK)			
<b>Welding Mode</b>		Input Power	25% Duty Cycle	60% Duty Cycle	100% Duty Cycle
<b>Output Current /Voltage</b>	TIG	208-230 / 460 1/3	300A@22V	190A@18V	150A@16V
	STICK	208-230 / 460 1/3	300A@32V	190A@28V	150A@26V
<b>Open Circuit Voltage</b>		Approximately 65 V at 230/460 VAC input Approximately 18 V with low OCV circuitry enabled			
<b>Output Current Range</b>	TIG	5-300 A (DC Mode) 10-300 A			
	STICK	5-300 A (DC Mode) 10-300 A			
<b>Input/Output at Rated Load</b>	Three-phase		Single-phase		
	Voltage	Current	Voltage	Current	
<b>Rated Input Voltage/Current</b>	208	45	208	97	
	230	41	230	87	
<b>Output Amperes</b>	460	21	N/A	N/A	
	300		300		
<b>Output Volts</b>	32		32		Input at No Load
	16		20		0.5
<b>KVA</b>	12		12		0.13
<b>KW</b>					
<b>Input</b>					
<b>Input Voltage</b>	208-230/460 VAC 3-Phase, 208-230 VAC 1-Phase				
<b>Line Frequency</b>	50/60 Hz				
<b>Line Volts Compensation</b>	+ /- 10%				
<b>Input Cable</b>	AWG 8/4 SOOW, Approximately 10 feet long				
<b>Dimensions</b>	W:8.26 in. (210 mm), H:17.12 in. (435 mm), L:17.71 in (450mm)				
<b>Weight</b>	53 lb. (24 kg)				

\*Includes New Coolant Safety Pressure Sensor. This new feature monitors the water cooling pressure through the TIG torch. No output current will be available if there is insufficient cooling water pressure detected.

## SANARG 300AP Power Source comes with:

- ☀ Power Cord
- ☀ 2 x Dinse 25mm Plugs
- ☀ Operating Manual

### Quick Specifications

#### Processes

STICK (SMAW)  
TIG (GTAW) LIFT TIG  
TIG HF and pulse

#### Industrial Applications

- Maintenance & Repair
- Utility & Farm
- Industrial Manufacturing
- Aerospace
- Construction
- Fabrication

#### Input Voltage

208-230 / 460 1-3 Phase

#### Rated Output

300 A at 32 V, 25% Duty Cycle (STICK)

#### Max OCV

65

#### Weight

53 lb (24kg)

#### Dimensions

H·W·L (17.12" x 8.26" x 17.71")

### Order Information

**Part No:** IA-3000TP-U2E

Description: SANARG 300AP  
Power Source

## SANARG 300AP

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**300AP Power Supply Shown with HD Water Cooled TIG Kit.**

**300AP-HDWTK TIG Kit Includes:**

- 12.5ft. 350Amp Water cooled TIG Torch w/Accessories
- Coolant Recirculator w/12.5ft. Water Hose & Coolant
- Running Gear/Cylinder Rack
- 13ft. Electrode Holder & Lead
- 13ft. Ground Clamp & Lead
- Regulator/Flowmeter
- 12.5ft. Gas Hose
- 25ft. Foot Control



### Ordering Information

Part No.	Description	Pkg. Qty.
IA-3000TP-U2E	SANARG 300AP AC/DC TIG (Power Supply Only)	1
300AP-ACTK	Includes regulator/flowmeter with 12.5' gas hose, 12.5' 200 Amp Air cooled TIG torch, accessory kit, 13' work cable, 13' Electrode cable, 25' foot control & running gear/Cylinder Rack.	1
300AP-HDWTK	Includes regulator/flowmeter with 12.5' gas hose, 12.5' 350 Amp Water cooled TIG torch, accessory kit, 13' work cable, 13' Electrode cable, Water Cooler w/hose, 25' Foot control & running gear/Cylinder Rack.	1
300AP-WTK	Includes regulator/flowmeter with 12.5' gas hose, 12.5' 250 Amp Water cooled TIG torch, accessory kit, 13' work cable, 13' Electrode cable, Water Cooler w/hose, 15' foot control & running gear/Cylinder Rack.	1