

GALA ELECTRONICS 300 AC/DC

Gala Electronics

Ref:2200300 AC/DC



Accessories

Cooling system, ref: 300000119
Trolley, ref: 600020014

300 AC/DC is an advanced technology three-phase welding power source for AC and DC TIG welding operations.

AC TIG functions are ideal for aluminum, magnesium and related alloys welding.

Mild steel, stainless steel and copper can be easily welded in DC TIG. AC TIG welding is optimized thanks to:

- Synergic arc ignition selection located on the front panel, it modifies the ignition according to electrode diameter.
- Extra fusion function maximizes arc focusing for considerable thin material in AC TIG welding.
- Mixed AC/DC increases arc penetration for thick aluminum plates.
- Pulsed AC TIG mode which prevents the risk of deformation of the workpiece in the case of prolonged welding operations.

Up to 4,00mm diameter electrode welding is possible in MMA

TECHNICAL CHARACTERISTICS

Mains voltage	3x400V ~± 15%/50-60Hz					
Mains protection	20 A DELAYED					
Welding mode	MMA			TIG		
Duty cycle (40°C)	30%	60%	100%	30%	60%	100%
Welding current (A)	300	220	180	300	220	180
Welding load voltage (V)	32,0	28,8	27,2	22,0	18,8	17,2
Maximum absorbed power (KVA)	14,6	10,5	13,5	11,6	8,0	6,9
	11,4	7,9	6,1	8,3	5,5	4,1
Maximum absorbed voltage (A)	21,0	15,2	13,5	16,4	11,1	9,9
Maximum effective supply current. (A)	11,5	11,8	13,5	9,0	8,6	9,9
No-load voltage (V)	59			59		
Insulation class	H					
Protection degree	IP23S					
Cooling	AF					
Manufacturing standards	EN 60974-1/ EN 60974-3/ EN 60974-10 Class A					
Generator dimensions (L x P x A)	460 x 230 x 325 mm					
Generator weight	24.2 kg					



Welding solutions

INNOVATING • MANUFACTURING • TRAINING • ADVISING