

MMA

MMA STANDARD | HG200A

MMA Function
 International patented design, unique appearance
 Single phase fan-cooled inverter MMA
 Adopt advanced single IGBT technology, increased reliability
 Complete accessories-electrode holder and earth clamp with cable, mask and bush



PRODUCT PARAMETER

Model	HG160A	HG200A
Power supply voltage	230±10%	230±10%
Rated input capacity	5.7	6.5
Frequency(Inverter)	42	42
Rated input current	25\14	30\16
Output current range	10-120	10-150
Function	MMA	MMA
Duty cycle(40°C10min)	30% 120A	30% 150A
	60% 92A	60% 115A
	100% 65A	100% 89A
No load voltage	60-70	60-70
Efficiency	85	85
Power factor	0.76	0.76
IP	21S	21S
Insulation class	H	H
Cooling way	FAN&AIR	FAN&AIR
Dimension	310x120x223	310x120x223
Electrode diameter	Ø2.5/3.2	Ø2.5/3.2/4.0
Electrode type	6013, 7018, etc.	6013, 7018, etc.
Net weight	3.7	3.7



MMA

HOT-START | HG200AH

MMA & LIFT TIG Function
 International patented design, unique appearance
 Single phase fan-cooled inverter MMA
 Adopt advanced single IGBT technology, increased reliability
 Complete accessories-electrode holder and earth clamp with cable, mask and bush
 Arc force, hot start, anti-stick and VRD built in



PRODUCT PARAMETER

Model	HG160AH	HG180AH	HG200AH	HG220AH
Power supply voltage	230±10%	230±10%	230±10%	230±10%
Rated input capacity	7.5	8.7	9.6	11
Frequency(Inverter)	42	42	42	42
Rated input current	33\18	38\21	42\26	49\28
Output current range	10-160	10-180	10-200	10-220
Function	MMA & LIFT TIG	MMA & LIFT TIG	MMA & LIFT TIG	MMA & LIFT TIG
Duty cycle(40°C10min)	30% 160A	30% 180A	30% 200A	30% 200A
	60% 125A	60% 140A	60% 155A	60% 155A
	100% 88A	100% 100A	100% 110A	100% 110A
No load voltage	82	82	82	82
Efficiency	85	85	85	85
Power factor	0.76	0.76	0.76	0.76
IP	21S	21S	21S	21S
Insulation class	H	H	H	H
Cooling way	FAN&AIR	FAN&AIR	FAN&AIR	FAN&AIR
Dimension	335x120x218	335x120x218	335x120x218	335x120x218
Electrode diameter	Ø2.5/3.2	Ø2.5/3.2/4.0	Ø2.5/3.2/4.0/5.0	Ø2.5/3.2/4.0/5.0
Electrode type	6013, 7018, etc.	6013, 7018, etc.	6013, 7018, etc.	6013, 7018, etc.
Net weight	5	5	5	5



TIG

TIG STANDARD | HG200T

HF TIG, LIFT TIG & MMA function
 Arc force and hot start in MMA mode
 Digital display and control, high performance MCU
 Adopt advanced single IGBT technology, increased reliability
 Automatic storage for preset data
 Pulse TIG function and all the pulse parameters can be adjustable
 International patented design, unique appearance



PRODUCT PARAMETER

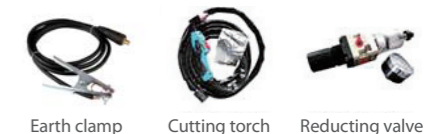
Model	HG200T		HG200T		HG220T	
	230±10%		110±10%		230±10%	
Power supply voltage	230±10%		110±10%		230±10%	
Rated input capacity	8.2	11	5	5	8.2	11
Frequency(Inverter)	42		50		42	
Rated input current	36\18	48\24	45\35	45\35	36\18	48\24
Output current range	10-200	10-200	10-145	10-120	10-200	10-200
Function	TIG	MMA	TIG	MMA	TIG	MMA
Duty cycle(40°C10min)	25% 200A	20% 200A	25% 200A	25% 200A	25% 220A	25% 220A
	60% 125A	60% 110A	60% 145A	60% 120A	60% 125A	60% 110A
	100% 100A	100% 90A	100% 110A	100% 100A	100% 90A	100% 110A
No load voltage	64		64		64	
Efficiency	60	66	60	66	60	66
Power factor	0.76		0.76		0.76	
IP	21S		21S		21S	
Insulation class	H		H		H	
Cooling way	FAN & AIR		FAN & AIR		FAN & AIR	
Dimension	580x240x430		580x240x430		580x240x430	
Electrode diameter	Ø2.5/3.2/4.0		Ø2.5/3.2		Ø2.5/3.2/4.0	
Electrode type	6013, 7018, etc.		6013, 7018, etc.		6013, 7018, etc.	
Net weight	14		14		14	



PLASMA CUTTING

HG50P

High Frequency
 Compared with oxy-cutting, Cutting capacity
 Increased 2times higher in cutting speed
 Suitable metal sheet can be cut easily and quickly
 Suitable for cutting stainless steel, copper, iron and aluminum etc.
 Simple operation and smooth cutting surface
 Less damage to the torch tips
 Supplied complete with plasma cutting torch and earth clamp,
 Reducing valve and carton box



PRODUCT PARAMETER

Model	HG40P	HG50P	Model	HG40P	HG50P
Power supply voltage	230±10%	230±10%	Cutting thickness	Carbon steel	8mm
Rated input capacity	6	8		Stainless steel	8mm
Frequency	35	35		Copper	6mm
Rated input current	27	34	Aluminum	5mm	
Cutting current range	20-40	20-50	IP	IP21S	IP21S
Polit current			Insulation class	F	F
Duty cycle(40°C 10min)	40%	40%	Cooling way	FAN & AIR	FAN & AIR
No load voltage	250	250	Dimension	370x153x260	370x153x260
Max cutting thickness	10MM	15mm	Net weight	6.5	7