

# PORTABLE GRADE

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## MIG

### MIG STANDARD | HG200

MIG, MMA & LIFT TIG Function  
 VRD function built in  
 Light weight design make it easy to be carried  
 Adopt advanced single IGBT technology, increased reliability  
 2T/4T mode  
 Arc force, hot start, anti-stick built in

#### PRODUCT PARAMETER

Model	HG160			HG200		
Power supply voltage	230±10%			230±10%		
Rated input capacity	5.7	4.3	7.3	7.8	6	7.5
Frequency(Inverter)	42			42		
Rated input current	25\13.5	19\10	32\17	35\16	26\13	33\25
Output current range	50-160	10-160	10-150	50-200	10-200	10-160
Function	MIG	TIG	MMA	MIG	TIG	MMA
Duty cycle (40°C 10min)	30%160A 60%115A 100%90A	30%160A 60%115A 100%90A	30%150A 60%105A 100%80A	30%200A 60%120 100%90A	30%200A 60%115A 100%90A	30%160A 60%115A 100%90A
No load voltage	51			51		
Efficiency	85			85		
Dimension	450x180x290					
Electrode diameter	0.6-0.8-1.0		Ø2.5/3.2	0.6-0.8-1.0		Ø2.5/3.2
Electrode type	6013, 7018, etc.			6013, 7018, etc.		
Net weight	8.5					



## MIG LCD

### HG300

MIG, MMA & LIFT TIG Function  
 VRD function built in  
 Light weight design make it easy to be carried  
 Adopt advanced single IGBT technology, increased reliability  
 2T/4T mode  
 Arc force, hot start, anti-stick built in

#### PRODUCT PARAMETER

Model	HG220			HG250			HG300		
Power supply voltage	230±10%			380±10%			380±10%		
Rated input capacity	9.2	6.8	7.5	8.3	6.8	8.4	9.8	8.3	9.3
Frequency(Inverter)	50			20			20		
Rated input current	40\30	30\23	42\32	12\9	10\8	13\10	15\11	12\9	14\11
Output current range	50-220	10-220	10-200	50-250	15-250	20-230	50-300	15-350	20-250
Function	MIG	TIG	MMA	MIG	TIG	MMA	MIG	TIG	MMA
Duty cycle (40°C 10min)	60%220A 100%170A	60%220A 100%170A	60%220A 100%155A	60%250A 100%191A	60%250A 100%191A	60%230A 100%177A	60%300A 100%230A	60%300A 100%230A	60%250A 100%190A
No load voltage	54			55			55		
Efficiency	85			85			85		
Dimension	617x245x430			617x245x430			617x245x430		
Electrode diameter	0.6-0.8-1.0		Ø2.5/3.2	0.8-1.0-1.2		Ø2.5/3.2/4.0/5.0	0.8-1.0-1.2-1.6		Ø2.5/3.2/4.0/5.0
Electrode type	6013, 7018, etc.			6013, 7018, etc.			6013, 7018, etc.		
Net weight	20			23			23		

