

IGBT TYPE

1.Application



- totally 5.5KG, compact and portable, easy and simple to operate
- start arc easily, stable welding arc, deep weld pool and beautiful welding shape
- hot striking arc current is adjustable which can greatly improve the arc-starting function
- suitable for welding with different kinds of acid or basic electrode
- plastic box with complete accessories is optional: electrode holder, earth clamp, cable joint, welding mask and brush

2.Portable MMA Welding Machine



Mode	ARC-140G*	ARC-160G*	ARC-200G*	ARC-250G*	ARC-315G*	ARC-400G*	ARC-500G
Type	IGBT Chip						
Rated input voltage (V)	single phase AC220 ± 15%			three phase AC380 ± 15%			
Rated frequency (Hz)	50/60			50/60			
Rated input power (KVA)	4.5	5.3	7	8	13	18	23
Rated input current (A)	20	24	32	12	20	27	34.6
Rated output	140A/25.6V	160A/26.4V	200A/28V	220A/28.8V	315A/32.6V	400A/36V	470A/38.8V
Output current (A)	20-140	20-160	20-200	20-220	20-315	20-400	20-470
No-load voltage (V)	56±5	56±5	62±5	60±5	60±5	65±5	65±5
Rated duty cycle (%)	60	60	60	60	60	60	60
Efficiency (%)	85	85	85	85	85	85	85
Power factor	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Protection grade	IP21	IP21	IP21	IP21	IP21	IP21	IP21
Insulation grade	F	F	F	F	F	F	F
Net weight (KG)	5	5	5.9	11.6	19.7	26.3	29.3
Gross weight (KG)	5.9	5.9	6.8	12.9	22.3	29.3	32.3
Housing of machine	iron	iron	iron	iron	iron	iron	iron
Dimension of machine (mm)	330×120×200	330×120×200	330×120×200	350×130×260	495×200×392	495×200×392	540×280×470
Packing	carton	carton	carton	carton	carton	carton	carton
Dimension of packing 1V1 (mm)	428×206×220	428×206×220	428×206×220	472×237×336	581×297×427	581×297×427	640×410×510
Dimension of packing 4V1 (mm)	442×431×466	442×431×466	442×431×466	-	-	-	-

Including accessories: earth clamp × 1pcs, cable joint × 2pcs, inner hexagon spanner × 1pcs

Plastic box with complete accessories is optional: earth clamp × 1pcs, cable joint × 2pcs, electrode holder × 1pcs, welding mask × 1pcs, brush × 1pcs

* two options: iron panel and plastic panel