

DC INVERTER ARC WELDING MACHINE



NW - MMA 230



Specification

ITEM	MODEL	NW-MMA 230	NW-MMA 140	NW-MMA160	NW-MMA 200	NW-MMA 200B
Input power voltage / Frequency (V/Hz)		SINGLE PHASE 220± 15% 50/60	SINGLE PHASE 220± 15% 50/60	SINGLE PHASE 220± 15% 50/60	SINGLE PHASE 220± 15% 50/60	SINGLE PHASE 220± 15% 50/60
Rate input power capacity (KVA)		4.1	4.4	5.3	7	7
Output current range (A)		10 - 130	10 - 140	10 - 160	10 - 200	20 - 200
Rate output voltage (V)		25.2	25.6	26.4	28	28
(25°C) Duty cycle (%)		50	50	60	50	60
O.C.V (W)		56	56	56	60	60
Efficiency (%)		85	85	85	85	85
Power factor (COS φ)		0.93	0.93	0.93	0.93	0.93
Weight (KG)		5	7	8	8	10
Overall dimension (mm)		260 X 125 X 185	290 X 132 X 213	371 X 153 X 299	371 X 153 X 299	432 X 203 X 369
Insulation class		F	F	F	F	F
Protection class		IP23	IP23	IP23	IP23	IP23
Diameter of rod (mm)		1.6 - 3.2	1.6 - 3.2	1.6 - 3.2	1.6 - 3.2	1.6 - 3.2



NW - MMA 140



NW - MMA 160

Function and feature

- Small size and light weight, easy to carry and easy to operate, economic and durable
- Stable performance, automatic voltage compensation capability
- Stable arc, deep melting pool, beautiful welding moulding
- No-load power consumption is small and electricity energy saving
- Widely use in welding stainless steel products and ironware



NW - MMA 200



NW - MMA 200B

DC INVERTER ARC WELDING MACHINE



NW - MMA 250

Specification

ITEM	MODEL	NW-MMA 230	NW-MMA 250	NW-MMA 315	NW-MMA 400	NW-MMA 400B	NW-MMA 500
Input power voltage / Frequency (V/Hz)		SINGLE PHASE 220± 15% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60
Rate input power capacity (KVA)		8.5	9.4	12.8	18.3	18.3	25.3
Output current range (A)		20 - 230	20 - 250	20 - 315	20 - 400	20 - 400	20 - 500
O.C.V (V)		56	58	66	67	68	68
Rate output voltage		29.2	30	32.6	36	36	40
(25°C) Duty cycle (%)		60	60	60	50	60	60
Efficiency (%)		85	85	85	85	85	85
Power factor (COS φ)		0.93	0.93	0.93	0.93	0.93	0.93
Weight (KG)		10	17.2	28.5	30.5	34.2	34.2
Overall dimension (mm)		432 x 203 x 369	480 x 203 x 369	547 x 304 x 512	547 x 304 x 512	547 x 364 x 512	547 x 364 x 512
Insulation class		F	F	F	F	F	F
Protection class		IP23	IP23	IP23	IP23	IP23	IP23
ARC Force range (A)		0 - 50	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100
Diameter of rod (mm)		1.6 - 3.2	1.6 - 4	1.6 - 5	1.6 - 5	1.6 - 5	1.6 - 5



NW - MMA 315



NW - MMA 400

Function and feature

- Small size and light weight, easy to carry and easy to operate, economic and durable
- Stable performance, automatic voltage compensation capability
- Stable arc, deep melting pool, beautiful welding moulding
- No-load power consumption is small, and electricity energy saving
- Widely use in welding stainless steel products and ironware



NW - MMA 400B



NW - MMA 500



NW- MMA- 400 (IGBT)

Function and feature

- Adopting IGBT inverter technology
- Advanced control program, Inverter frequency is 20KHz, meet the need of welding procedure in a maximum way
- Stable current, good welding surface
- Easy for arc starting, little spatter, good welding performance
- Adjustable thrust current, be able to realize long cable distant welding



NW-MMA-500 (IGBT)



NW-MMA-630 (IGBT)

Specification

ITEM	MODEL	NW-MMA 400(IGBT)	NW-MMA 500(IGBT)	NW-MMA 630(IGBT)
Input power voltage / Frequency (V/HZ)		THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60
Rate input power capacity (KVA)		18.3	25.3	36.1
Output current range (A)		40 -400	40 - 500	40 - 630
O.C.V (V)		60	68	72
Rate output voltage (V)		36	40	45.2
(25°C) Duty cycle (%)		60	60	60
Efficiency (%)		85	85	85
Power factor (COS φ)		0.93	0.93	0.93
Weight (KG)		34	59	61
Overall dimension (mm)		548 x 287 x 510	648 x 331 x 640	648 x 331 x 640
Insulation class		F	F	F
Protection class IP		IP23	IP23	IP23
ARC Force range (A)		0 - 100	0 - 100	0 - 100
Diameter of rod (mm)		1.6 - 6	1.6 - 6	1.6 - 8