

DC inverter MMA welder



Items	MMA140D	MMA160D	MMA200D	MMA113D	MMA143D	MMA163D
Power voltage(v)	230	230	230	230	230	230
Max input power(KVA)	3.5	4.5	5.5	2.5	3.5	4.5
Fuse (A)	16	20	23	10	16	16
Efficiency	0.85	0.85	0.85	0.83	0.85	0.85
Power factor	0.7	0.7	0.7	0.7	0.7	0.7
Max no load voltage(v)	67	76	76	65	65	65
Current range(A)	5-120	5-140	5-160	10-80	10-120	10-140
Max current(A)	120@60%	140@50%	160@40%	85@25%	120@15%	140@10%
Current at 100%(A)	120	120	130	60	70	70
Usable electrode	1.0-3.2	1.0-4.0	1.0-4.0	1.0-2.5	1.0-3.2	1.0-4.0
Insulation	H	H	H	H	H	H
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S	IP21S
Measurement (MM)	425*270*35	425*270*35	425*270*35	365*240*320	365*240*320	365*240*320
Weight(KG)	6.7	7.5	7.7	5.7	5.7	5.7

Hebei-CMEC Metals & Machinery I/E Corp.

Cod.(NO)	891206	891207	891208	891203	891204	891205
Features: use IGBT technology, greatly improves the reliability of the machine: high duty cycle. greatly improves the efficiency of welder, energy saving. small size, stable and durable quality. easy to start arc, little spatter, and good formation. stable welding current in spite of input voltage fluctuation. Acid and basic electrodes are usable. high no load voltage, strong arc force. widely used in indoor decoration, and high working places jobs.						

DC inverter MMA welder



Items	MMA140	MMA160	MMA200	MMA111	MMA111	MMA141	MMA161
Power voltage(v)	230	230	230	115	230	230	230
Max input power(KV A)	5.2	6.0	8.2	2.4	2.8	3.5	4.5
Fuse (A)	22	26.1	37	20	10	16	16
Efficiency	0.83	0.83	0.85	0.83	0.83	0.85	0.85

Hebei-CMEC Metals & Machinery I/E Corp.

Power factor	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Max no load voltage(v)	67	67	76	85	68	68	68
Current range(A)	10-140	10-160	10-200	5-85	5-85	5-120	5-140
Max current(A)	140@60%	160@60%	200@60%	85@25%	85@25%	120@20%	140@15%
Current at 100%(A)	108	124	155	60	70	80	80
Usable electrode	1.6-4.0	1.6-4.0	5.0	1.6-2.5	1.0-2.5	1.0-3.2	1.0-4.0
Insulation	H	H	H	H	H	H	H
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S	IP21S	IP21S
Measurement (MM)	360*235*310	360*235*310	460*255*355	365*230*330	365*230*330	365*230*330	365*230*330
Weight(KG)	6.9	7.4	12	7	7	7	7
Cod.(NO)	891123	891124	891125	891005	891006	891007	891008

Features: use IGBT technology, greatly improves the reliability of the machine: high duty cycle. greatly improves the efficiency of welder, energy saving. small size, stable and durable quality. easy to start arc, little spatter, and good formation. stable welding current in spite of input voltage fluctuation. Acid and basic electrodes are usable. high no load voltage, strong arc force. widely used in indoor decoration, and high working places jobs.

DC inverter MMA welder



Hebei-CMEC Metals & Machinery I/E Corp.

Items	MMA111E	MMA111E	MMA141E	MMA161E
Power voltage(v)	115	230	230	230
Max input power(KVA)	2.4	2.8	3.5	4.5
Fuse (A)	20	10	16	16
Efficiency	0.83	0.83	0.85	0.85
Power factor	0.7	0.7	0.7	0.7
Max no load voltage(v)	85	68	68	68
Current range(A)	5-85	5-85	5-120	5-140
Max current(A)	85@25%	85@25%	120@20%	140@15%
Current at 60%(A)	60	70	80	80
Usable electrode	1.6-2.5	1.0-2.5	1.0-3.2	1.0-4.0
Insulation	H	H	H	H
Protection class	IP21S	IP21S	IP21S	IP21S
Measurement (MM)	365*230*330	365*230*330	365*230*330	365*230*330
Weight(KG)	7	7	7	7
Cod.(NO)	891005	891006	891007	891008
Features: use IGBT technology, greatly improves the reliability of the machine: high duty cycle. greatly improves the efficiency of welder, energy saving. small size, stable and durable quality. easy to start arc, little spatter, and good formation. stable welding current in spite of input voltage fluctuation. Acid and basic electrodes are usable. high no load voltage, strong arc force. widely used in indoor decoration, and high working places jobs.				

Items	MMA160E	MMA200E
Power voltage	230	230
Rated input power(KAV)	5.3	7
Input voltage frequency(HZ)	50/60	50/60
No-load voltage(v)	76	76
Output current range(A)	30-160	30-200
Rated output voltage(v)	27	28
Duty cycle(%)	30	25
Efficiency (%)	85	85
Insulation class	F	F
Weight (KG)	11	11
Measurement (mm)	460*270*345	460*270*345
Protection class	IP21S	IP21S
Usable electrode	1.6-4.0	1.6-4.0
Co.(NO)	891070	891080

Hebei-CMEC Metals & Machinery I/E Corp.

Features: Small size, light weight, high quality and energy-saving: good arc-starting and arc force, stable arc and little spatter. High welding quality, deep penetration. Auto protection of over-voltage and over-current. Be able to work continuously, it can balance automatically when voltage is fluctuation. Suitable for welding all kinds of basic welding rod.

DC inverter MMA welder



Items	MMA85M	MMA110M	MMA85P	MMA110P	MMA140P
Power voltage	230	230	230	230	230
Rated input power(KAV)	2.4	3.4	2.3	3.4	4.6
Input voltage frequency(HZ)	50/60	50/60	50/60	50/60	50/60
No-load voltage(v)	76	76	76	76	76
Output current range(A)	50-85	10-100	30-85	30-110	30-140
Rated output voltage(v)	23.4	24	23.4	24.4	25.6
Duty cycle(%)	25	15	60	25	20
Efficiency (%)	85	85	85	85	85
Insulation class	F	F	F	F	F
Weight (KG)	6.5	6.5	7	7	7
Measurement (mm)	400*370*160	400*370*160	375*250*305	375*250*305	375*250*305

Hebei-CMEC Metals & Machinery I/E Corp.

Protection class	IP21S	IP21S	IP21S	IP21S	IP21S
Usable electrode	1.6-2.5	1.6-3.2	1.6-2.5	1.6-3.2	1.6-4.0
Co.(NO)	891009	891010	891011	891012	891013
Features: Small size, light weight, high quality and energy-saving: good arc-starting and arc force, stable arc and little spatter. High welding quality, deep penetration. Auto protection of over-voltage and over-current. Be able to work continuously, it can balance automatically when voltage is fluctuation. Suitable for welding all kinds of basic welding rod.					

DC inverter MMA welder



Items	MMA85	MMA110	MMA140	MMA160	MMA200	MMA200
Power voltage	230	230	230	230	230	120/230
Rated input power(KAV)	2.3	3.4	4.6	5.3	7	3/7
Input voltage frequency(HZ)	50/60	50/60	50/60	50/60	50/60	50/60
No-load voltage(v)	76	76	76	76	76	76
Output current range(A)	30-85	30-100	30-140	30-160	30-200	30-110/30-120
Rated output voltage(v)	23.4	24.4	25.6	27	28	24.4/28
Duty cycle (%)	60	25	20	30	25	80/25

Hebei-CMEC Metals & Machinery I/E Corp.

Efficiency (%)	85	85	85	85	85	85
Insulation class	F	F	F	F	F	F
Weight (KG)	7	7	7	11	11	11
Measurement (mm)	375*250 *305	375*250* 305	375*250* 305	460*270* 345	460*270* 345	460*270* 345
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S	IP21S
Usable electrode	1.6-2.5	1.6-3.2	1.6-4.0	1.6-4.0	1.6-4.0	1.6-2.5/1. 6-4.0
Co.(NO)	891014	891015	891011	891017	891018	891018
Features: Small size, light weight, high quality and energy-saving: good arc-starting and arc force, stable arc and little spatter. High welding quality, deep penetration. Auto protection of over-voltage and over-current . Be able to work continuously, it can balance automatically when voltage is fluctuation. Suitable for welding all kinds of basic welding rod.						

DC inverter MMA welder



Items	MMA160X	MMA200X	MMA160P	MMA200P
Power voltage	230	230	230	230
Rated input power(KAV)	5.3	7	5.3	7
Input voltage frequency(HZ)	50/60	50/60	50/60	50/60
No-load voltage(v)	76	76	76	76
Output current range(A)	30-160	30-200	30-160	30-200

Hebei-CMEC Metals & Machinery I/E Corp.

Rated output voltage(v)	27	28	27	28
Duty cycle(%)	30	25	30	25
Efficiency (%)	85	85	85	85
Insulation class	F	F	F	F
Weight (KG)	11	11	7	11
Measurement (mm)	460*270*345	460*270*345	460*270*345	460*270*345
Protection class	IP21S	IP21S	IP21S	IP21S
Usable electrode	1.6-4.0	1.6-4.0	1.6-4.0	1.6-4.0
Co.(NO)	891075	891076	891020	891021

Features: Small size, light weight, high quality and energy-saving: good arc-starting and arc force, stable arc and little spatter. High welding quality, deep penetration. Auto protection of over-voltage and over-current . Be able to work continuously, it can balance automatically when voltage is fluctuation. Suitable for welding all kinds of basic welding rod.

DC inverter MMA welder



Items	MMA-250	MMA-315	MMA-400	MMA-250	MMA-315	MMA-400
Power voltage	380(3PH)	380(3PH)	220/380(V)	220/380(V)	380	380
Rated input power(KAV)	9	12.5	5.6	6.9	13	18
Input voltage frequency(HZ)	50/60	50/60	50/60	50/60	50/60	50/60
No-load voltage(v)	60	60	65	70	60	60
Output current range(A)	20-240	20-280	20-200	20-250	20-315	20-400
Rated output voltage(v)	30	31	28	30	32.6	36
Duty cycle(%)	45	35	80	60	45	35
Efficiency (%)	85	85	85	85	85	85
Insulation class	F	F	F	F	F	F
Weight (KG)	15	15	17.5	17.5	28	28
Measurement (mm)	535*285*385	535*285*385	480*204*303	480*204*303	515*260*370	515*260*370
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S	IP21S
Usable electrode	1.6-4.0	1.6-4.0	1.6-4.0	1.6-4.0	----	---
Co.(NO)	891066	891067	111007	111008	891068	891069
Features: Small size, light weight, high quality and energy-saving: good arc-starting and arc force, stable arc and little spatter. High welding quality, deep penetration. Auto protection of over-voltage and over-current . Be able to work continuously, it can balance automatically when voltage is fluctuation. Suitable for welding all kinds of basic welding rod.						



Hebei-CMEC Metals & Machinery I/E Corp.

Items	MMA-315	MMA-400
Power voltage	380(3PH)	380(3PH)
Output voltage frequency(HZ)	60	60
Input voltage frequency	50/60	50/60
output current range(A)	20-315	25-400
Rated output voltage(v)	32.6	36
Duty cycle(%)	60	60
Efficiency (%)	85	85
Insulation class	F	F
Weight (KG)	21	21
Measurement (mm)	543*265*451	543*265*451
Protection class	IP21S	IP21S
Cod.(NO)	891126	891077
Features: main transformer uses super micro-crystal magnetic material: using single tube IGBT, whose quality and price is better than mould IGBT. Air passage is of designed by protecting against water, dust and wind erosion, increase the stability of machine inner working. The fun heat diffusion efficiency can be up to 100%, greatly increases the duty cycle of welder. When working under 40 degree environment, the duty cycle is not less than 55%. The output efficiency can be up to 93%, the max power factor can be up to 0.95. Stable welding current in spite of input voltage fluctuation. With arc force and hot arc starting function, also with VRD function.		

Items	MMA315W	MMA400W	MMA500W
Power voltage	380(3PH)	380(3PH)	380(3PH)
frequency(HZ)	50/60	50/60	50/60
Rated input current(A)	12	17	23.5
No-load voltage(V)	75	75	75
Output current range(A)	20-315	20-400	20-500
No-load consumption	40	40	40
Duty cycle(%)	60	60	60
Efficiency (%)	85	85	85
Power factor	0.7-0.9	0.7-0.9	0.7-0.9
Insulation class	F	F	F

Hebei-CMEC Metals & Machinery I/E Corp.

Protection class	IP21S	IP21S	IP21S
Weight (KG)	45	45	55
Measurement (mm)	560*330*640	560*330*640	560*330*640
Usable electrode(mm)	2.5-5	2.5-6	2.5-8
Cod.(NO)	891023	891024	891025
Features: high quality and energy-saving . Advanced arc force and arc-starting function. Stable arc can make little spatter. High welding quality, deep penetration. Auto protection of over-voltage and over-current. Be able to work continuously, it can balance automatically when voltage is waving. Suitable for welding all kinds of basic welding rod. Be able to weld cellulose rod as well. Be able to equip with remote controller for distant welding.			