



OUR BRANDS



MMA / Arc 200

G/G1

Voltage(V)	1-220/2-380
Frequency(Hz)	50/60
Rated Input Capacitor(KVA)	6.6
Rated Output Voltage(V)	26
Power factor	0.83/0.93
Output no-load Voltage(V)	24/66
Rated Duty Cycle(%)	60
Output Current Range(A)	0-150(220V/380V)
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	255*190*280
Net Weight(kg)	4.485
Gross Weight(kg)	4.86



G4



Voltage(V)	1-220/2-380
Frequency(Hz)	60
Rated Input Capacitor(KVA)	6.6
Rated Output Voltage(V)	26
Power factor	0.83/0.96
Output no-load Voltage(V)	24/66
Rated Duty Cycle(%)	60
Output Current Range(A)	0-150(220V/380V)
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	370*230*300
Net Weight(kg)	5.515
Gross Weight(kg)	6.125

MMA / Arc 200

B

Rated input voltage (V)	220/380
Rated input frequency (HZ)	50/60
Rated input power (KVA)	6.3/4.9
Rated output power (KVA)	3.9
No-load voltage (V)	70
output current range (A)	10-150
Rated output voltage (V)	26
Duty cycle (%)	60
Efficiency (%)	0.85
power factor (cos)	0.73
Insulation class	F
Protection class	IP21S
Rod diameter (mm)	1.6-3.2
N.W (kgs)	5.3
G.W(kgs)	6.3
Packing size (mm)	305*195*250



Z



Voltage(V)	1-220V
Frequency(Hz)	60
Rated Input Capacitor(KVA)	6.9
Rated Output Voltage(V)	27
Power Factor	0.7
Output no-load Voltage(V)	80
Rated Duty Cycle(%)	60
Output Current Range(A)	30-160(220V)
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	310*130*210
Net Weight(kg)	4.1
Gross Weight(kg)	6.8

MMA/Arc 250

C/C1

Voltage(V)	1-220/2-380
Frequency(Hz)	60
Rated Input Capacitor(KVA)	7.9
Rated Output Voltage(V)	26.8
Power factor	0.83/0.94
Output no-load Voltage(V)	24/66
Rated Duty Cycle(%)	60
Output Current Range(A)	0-170(220V/380V)
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	420*215*330
Net Weight(kg)	5.965
Gross Weight(kg)	6.68



Voltage(V)	1-220/2-380
Frequency(Hz)	60
Rated Input Capacitor(KVA)	7.9
Rated Output Voltage(V)	27.2
Power factor	0.83/0.97
Output no-load Voltage(V)	24/66
Rated Duty Cycle(%)	60
Output Current Range(A)	0-180(220V/380V)
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	370*230*300
Net Weight(kg)	6.145
Gross Weight(kg)	6.75



MMA/Arc 250

Q

Rated input voltage (V)	220
Rated input frequency (HZ)	50/60
Rated input power (KVA)	6.8
Rated output power (KVA)	4.2
No-load voltage (V)	60.0
Output current range (A)	10-160
Rated output voltage (V)	26.4
Duty cycle (%)	60
Efficiency (%)	0.85
Power factor (cos)	0.73
Insulation class	F
Protection class	IP21S
Rod Diameter (mm)	1.6-4.0
N.W (kgs)	5.5
G.W(kgs)	6.5
Packing size (mm)	510*200*315



MMA/Arc 300

S/S1

Voltage(V)	1-220/2-380
Frequency(Hz)	50/62
Rated Input Capacitor(KVA)	10.1
Rated Output Voltage(V)	28
davi	0.83/0.95
Output no-load Voltage(V)	24/66
Rated Duty Cycle(%)	60
Output Current Range(A)	0-200(220V/380V)
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	480*280*460
Net Weight(kg)	9.17
Gross Weight(kg)	10.325



MMA/Arc 315

W



Rated input voltage (V)	220/380
Rated input frequency (HZ)	50/60
Rated input power (KVA)	12.1/9.5
Rated output power (KVA)	7.5
No-load voltage (V)	70.0
output current range (A)	10-210
Rated output voltage (V)	28.4
Duty cycle (%)	60
Efficiency (%)	0.85
power factor (cos)	0.73
Insulation class	F
Protection class	IP21S
Rod diameter (mm)	1.6-5.0
N.W (kgs)	10.8
G.W(kgs)	11.4
Packing size (mm)	465*275*400

MMA/Arc 320

Y

Voltage(V)	3~380V
Frequency(Hz)	50/60
Rated Input Capacitor(KVA)	9.5
Rated Output Voltage(V)	28.6
Power Factor	0.93
Output no-load Voltage(V)	70
Rated Duty Cycle(%)	60
Output Current Range(A)	215
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	408*212*305+65
Net Weight(kg)	8.145
Gross Weight(kg)	9.25



MMA / Arc 400

D

Voltage (V)	220/380
Frequency (Hz)	50/60
Rated Input Capacitor (KVA)	12.1/9.5
Rated Output Voltage (V)	55/14.6
Power Factor (COS)	70.0
Output no-load Voltage (V)	10-250
Rated Duty Cycle (%)	30
Output Current Range (A)	30
Efficiency (%)	0.85
Insulated Class	0.73
Protection Degree	F
Dimension (mm)	IP21S
New Weight (kg)	1.6-5.0
Gross Weight (kg)	10.1
Input Current (A)	10.9
Unload Voltage (V)	465*275*400



K



Voltage (V)	3-415±10%
Frequency (Hz)	50
Rated Input Capacitor (KVA)	10
Rated Output Voltage (V)	30.4
Power Factor (COS)	0.9
Output no-load Voltage (V)	75
Rated Duty Cycle (%)	60
Output Current Range (A)	20-280
Efficiency (%)	85
Insulated Class	F
Protection Degree	IP21S
Dimension (mm)	500*230*420
New Weight (kg)	13
Gross Weight (kg)	14.2
Input Current (A)	15
Unload Voltage (V)	75

MMA / Arc 400

V

Voltage (V)	230/415
Frequency (Hz)	50/60
Rated Input Capacitor (KVA)	6.3/10
Rated Output Voltage (V)	30.4
Power Factor (COS)	0.65/0.9
Output no-load Voltage (V)	75
Rated Duty Cycle (%)	60
Output Current Range (A)	20-280
Efficiency (%)	85
Insulated Class	F
Protection Degree	IP21S
Dimension (mm)	500*230*420
New Weight (kg)	13
Gross Weight (kg)	14.2
Input Current (A)	28/15
Unload Voltage (V)	75



X



Voltage (V)	1~220V/2~380V/3~380V
Frequency (Hz)	50/60
Rated Input Capacity (KVA)	10
Rated Output Voltage (V)	30.4
Power factor (COS)	0.9
Output No-Load Voltage (V)	65
Rated duty cycle (%)	60
Output Current Range (A)	40~280
Efficiency (%)	85
Insulated Class	F
Protection Degree	IP21S
Dimension (mm)	440*210*356
Net Weight (KG)	11
Gross Weight (KG)	14
Input current (A)	15
Unload Voltage (V)	65
Electrode diameter (MM)	1.6~5.0

MMA/Arc 400

J

Voltage(V)	3-415 ±10%
Frequency(Hz)	50/60
Rated Input Capacitor(KVA)	13
Rated Output Voltage(V)	32.6
Power Factor	0.93
Output no-load Voltage(V)	72
Rated Duty Cycle(%)	60
Output Current Range(A)	315
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	480*233*450
Net Weight(kg)	17.5
Gross Weight(kg)	19.3



R

Voltage(V)	3-415 ±10%
Frequency(Hz)	50/60
Rated Input Capacitor(KVA)	15
Rated Output Voltage(V)	34
Power Factor	0.93
Output no-load Voltage(V)	75
Rated Duty Cycle(%)	60
Output Current Range(A)	350
Efficiency(%)	85
Insulation Class	F
Protection Degree	IP21S
Dimension(mm)	480*233*450
Net Weight(kg)	20
Gross Weight(kg)	21.8

TIG / MMA 200

T

Input Voltage (V)	220V-230V
Input Frequency (Hz)	50/60
Rated Input Current (A)	47.9
Rated Input Capacity (KVA)	7.9
Unloading Voltage (V)	70
Rated working Voltage (V)	20.4/29.2
TIG Welding Current (A)	10-200
MMA Welding Current (A)	10-200
Rate Duty Cycle (%)	30
Welding Current 10min (A)	137
Efficiency (η)	0.85
Power Factor (Cosφ)	0.75
Insulation Class	H
Protection Class	IP21S
Cooling Method	Air cooling



TIG / MMA 400

E

Voltage(V)	3-415±10%
Rated Input Capacitor(KVA)	16
Rated Input Current(A)	20/14
Power Factor	0.87
Rated Duty Cycle(%)	60
Output Current Range(A)	20-315
Output no-load Voltage(V)	76
Efficiency	85
Insulation Class	F
Shell protection degree	IP21S
Cooling	Air
Dimension(mm)	495*250*415
Net Weight(Kg)	19

TIG/MMA(Ac/Dc)250

P 1

Input Voltage (V)	220V
Rated output voltage	20V
Rated Input Power	7.1kw
No-load voltage	60V
Current adjusting range	10-250A
Up-slope time	0.1-5s
Down-slope time	0.1-5s
Post flow time	5-25s
Start arc current	10-250A
Pulse current	10-250A
Welding current	10-250A
Crater arc Current	10-250A
Pulse width ratio	0.2-0.8
Pulse frequency	0.5-100Hz
Clean width	25%-75%
AC frequency	50-150Hz
Duty cycle	60%
Efficiency	83%
Degrees enclosure protection	1P21s
Packing dimensions [L*W*H]	560*340*500mm
Gross weight	22.6kg
Weldable thick aluminum	0.8-6mm
Real current	250A



TIG/MMA(Ac/Dc)315

P 2

Input Voltage (V)	220V/415V
Rated output voltage	22.6V
Rated Input Power	8.6KW
No-load voltage	70V+3V
Current adjusting range	10-280
Up-slope time	0.1-5s
Down-slope time	0.1-5s
Post flow time	5-25s
Start arc current	10-280
Pulse current	10-280
Welding current	10-280
Crater arc Current	10-280
Pulse width ratio	0.2-0.8
Pulse frequency	0.5-100Hz
Clean width	25%-75%
AC frequency	50-150Hz
Duty cycle	60%
Efficiency	83%
Degrees enclosure protection	1P21s
Packing dimensions [L*W*H]	595*345*545mm
Gross weight	29.15kg
Weldable thick aluminum	1.0-8mm
Real current	200A,280A



220A(1Ph-220V)
280A(3Ph-415V)

TIG / MMA (Ac/Dc) 315

P 3

Input Voltage (V)	3Phase, 415V
Rated Output Voltage	22.6V
Rated Input Power	8.6kw
No-load Voltage	70V±3V
Current Adjusting Range	10-315A
Up-Slope Time	0.1-5s
Down-Slope Time	0.1-5s
Post Flow Time	5-25s
Start Arc Current	10-315A
Pulse Current	10-315A
Welding Current	10-315A
Crater Arc Current	10-315A
Pulse Width Ratio	0.2-0.8
Pulse Frequency	0.5-100Hz
Clean Width	25%-75%
AC Frequency	50-150Hz
Duty Cycle	60%
Efficiency	83%
Degrees of enclosure Protection	1P21S
Packing Dimensions (L*W*H)	595*345*545
Gross Weight	31.4kg
Weldable Thickness Aluminum	1.0-8mm
Real Current	315A



TIG / MMA (Ac/Dc) 400

P 4

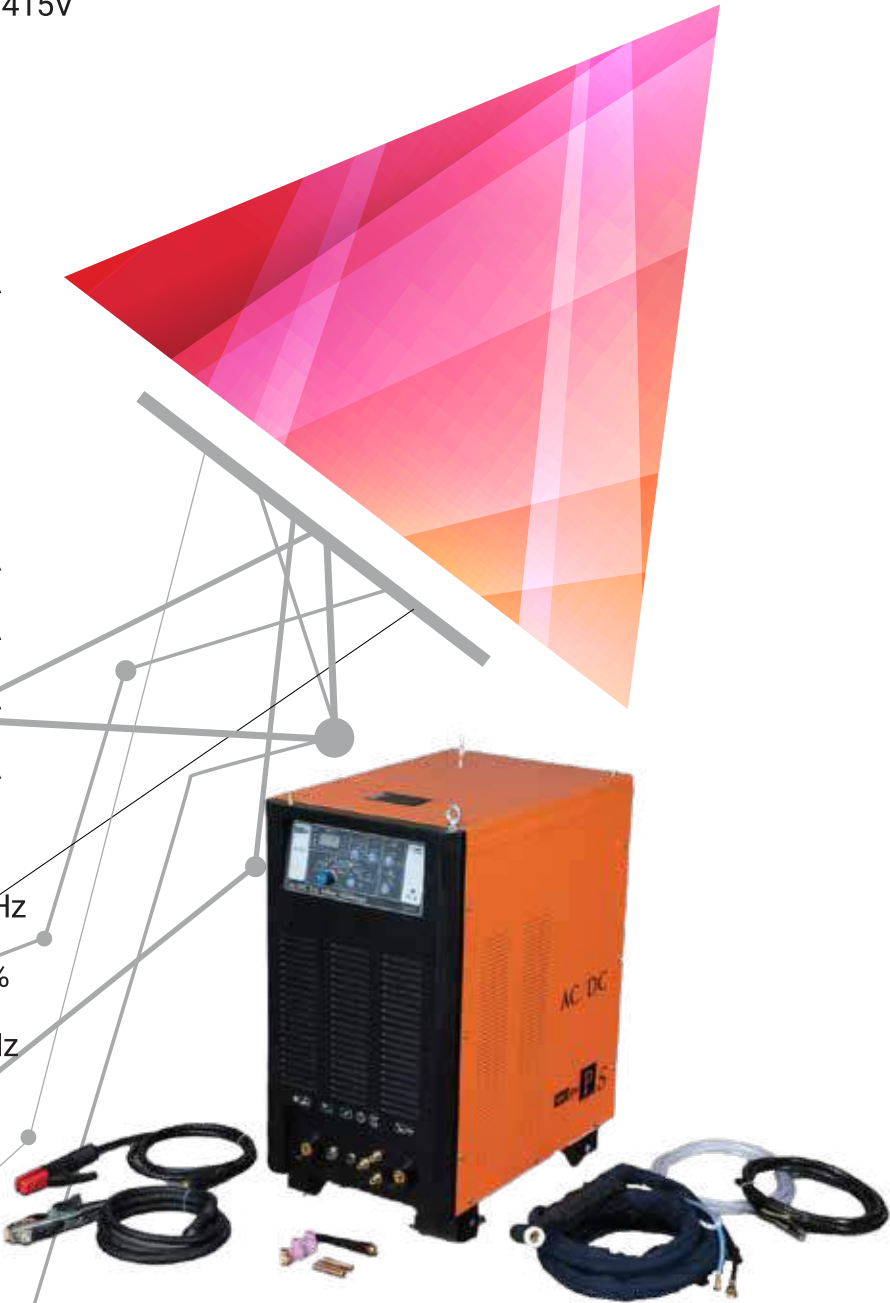
Input Voltage (V)	3Phase, 415V
Rated Output Voltage	26V
Rated Input Power	12.5kw
No-load Voltage	70V±3V
Current Adjusting Range	10-400A
Up-Slope Time	0.1-5s
Down-Slope Time	0.1-5s
Post Flow Time	5-25s
Start Arc Current	10-400A
Pulse Current	10-400A
Welding Current	10-400A
Crater Arc Current	10-400A
Pulse Width Ratio	0.2-0.8
Pulse Frequency	0.5-100Hz
Clean Width	25%-75%
AC Frequency	50-150Hz
Duty Cycle	60%
Efficiency	83%
Degrees of enclosure Protection	1P21S
Packing Dimensions (L*W*H)	630*400*680
Gross Weight	42.6kg
Weldable Thickness Aluminum	1.0-12mm
Real Current	400A



TIG / MMA (Ac/Dc) 500

P 5

Input Voltage (V)	3Phase, 415V
Rated Output Voltage	30V
Rated Input Power	18kw
No-load Voltage	70V±3V
Current Adjusting Range	10-500A
Up-Slope Time	0.1-5s
Down-Slope Time	0.1-5s
Post Flow Time	5-25s
Start Arc Current	10-500A
Pulse Current	10-500A
Welding Current	10-500A
Crater Arc Current	10-500A
Pulse Width Ratio	0.2-0.8
Pulse Frequency	0.5-100Hz
Clean Width	25%-75%
AC Frequency	50-150Hz
Duty Cycle	60%
Efficiency	83%
Degrees of enclosure Protection	1P21S
Packing Dimensions (L*W*H)	600*450*890
Gross Weight	61.05kg
Weldable Thickness Aluminum	1.0-15mm
Real Current	500A



TIG / MMA (Ac/Dc) 630

P 6

Input Voltage (V)	3Phase, 415V
Rated Output Voltage	34V
Rated Input Power	25.8kw
No-load Voltage	70V±3V
Current Adjusting Range	10-630A
Up-Slope Time	0.1-5s
Down-Slope Time	0.1-5s
Post Flow Time	5-25s
Start Arc Current	10-630A
Pulse Current	10-630A
Welding Current	10-630A
Crater Arc Current	10-630A
Pulse Width Ratio	0.2-0.8
Pulse Frequency	0.5-100Hz
Clean Width	25%-75%
AC Frequency	50-150Hz
Duty Cycle	60%
Efficiency	83%
Degrees of enclosure Protection	1P21S
Packing Dimensions (L*W*H)	665*460*810
Gross Weight	62.25kg
Weldable Thickness Aluminum	1.0-20mm
Real Current	630A





L

Rated input voltage	1Ph~AC220V±15%(50/60HZ)	2Ph~AC380V±15%(50/60HZ)	3Ph~AC380V±15%(50/6Hz)
Rated input capacity	12KVA	12KVA	12KVA
Rated input current	52A	32A	19A
No-load voltage	DC75V	DC63V	DC63V
Output current adjustment	30~270A	30~270A	30~270A
Output voltage regulation	12~32V	12~32V	12~32V
Rated load duration rate	220A/28.8V 60%	270A/30.8V 60%	270A/30.8V 60%
Wire diameter used	0.8~φ1.2	0.8~φ1.2	0.8~φ1.2
Power factor COSφ	≥0.82	≥0.82	≥0.82
Efficiency η	≥68%	≥85%	≥85%
Dimensions (L×W×H)	-	555*315*540mm	-
weight	-	18.5KG	-
Protection class	IP21S	IP21S	IP21S
Insulation class	H	H	H

MMA/Arc

Rated input voltage (V)	220
Rated input frequency (HZ)	50/60
Rated input power (KVA)	MIG: 5.6KVA / MMA: 6.8KVA
Rated output power (KVA)	MIG: 3.5KVA / MMA: 4.2KVA
No-load voltage (V)	60
output current range (A)	10-160
Rated output voltage (V)	MIG:22V / MMA: 26.4"
Duty cycle (%)	60
Efficiency (%)	0.85
power factor (cos)	0.73
Insulation class	F
Protection class	IP21S
Rod diameter (MM)	1.6-4.0
Wire diameter (MM)	0.8-1.0
N.W (KGS)	18.7
G.W(KGS)	19.7
Packing size (MM)	550*290*370



MIG/MMA 400 M

Voltage(V)	3-380
Frequency(Hz)	50/60
Rated Input Capacitor(KVA)	13.95
Rated Input Current(A)	22.8
Rated Duty Cycle(%)	60
Rated Output Current(A)	350
Rated Output Voltage(V)	35
Rated no-load Voltage(V)	70
Rated Duty Cycle(%)	60%
Efficiency(%)	85
Power Factor(COS)	0.93
Output Current Range(A)	30-350
Output Voltage Range(V)	14-35
Adjustment of Wire Fedding	1~24
Arc-ending Current(A)	20-300
Arc-ending Voltage(V)	16-32
Wire Diameter(mm)	Ø0.8,Ø1.0,Ø1.2
Cooling Way	Air Cooling
Insulation Class	F
Protection Degree	IP21S
Welding Mode	CO2/MAG/MMA
Dimension(mm)	530*288*460+7m
Net Weight(kg)	26.65
Gross Weight(kg)	28.45



MIG/MMA 500

Voltage(V)	3-380
Frequency(Hz)	50/60
Rated Input Capacitor(KVA)	24.66
Rated Input Current(A)	45
Rated Duty Cycle(%)	60
Rated Output Current(A)	500
Rated Output Voltage(V)	45
Rated no-load Voltage(V)	70
Rated Duty Cycle(%)	60%
Efficiency(%)	85
Power Factor(COS)	0.93
Output Current Range(A)	30-500
Output Voltage Range(V)	14-45
Adjustment of Wire Fedding	1~24
Arc-ending Current(A)	20-400
Arc-ending Voltage(V)	20-40
Wire Diameter(mm)	Ø1.0,Ø1.2,Ø1.6
Cooling Way	Air Cooling
Insulation Class	F
Protection Degree	IP21S
Welding Mode	CO2/MAG/MMA
Dimension(mm)	530*288*460+70
Net Weight(kg)	27.3
Gross Weight(kg)	29.1



Plasma Cut 80

Voltage (v)	AC 220/415
Frequency (Hz)	50/60
Rated Input Capacitor (KVA)	6.7/10
Rated Output Voltage (V)	5.0/7.6
Power Fcator (COS)	330/315
Output no-load Voltage (V)	50/70
Rated Duty Cycle (%)	100/108
Output Current Range (A)	60%
Efficiency (%)	85
Insulation Class	0.85
Protection Degree	F
Dimension (mm)	IP21
New Weight (Kg)	15
Gross Weight (Kg)	25
Working Pressure	24.9
Max Cutting Thickness	28.2
Effective Cut Thickness	620*375*545



100



Voltage (v)	AC 415
Frequency (Hz)	50/60
Rated Input Capacitor (KVA)	16
Rated Output Voltage (V)	12
Power Fcator (COS)	286
Output no-load Voltage (V)	100
Rated Duty Cycle (%)	120
Output Current Range (A)	60%
Efficiency (%)	85
Insulation Class	0.85
Protection Degree	F
Dimension (mm)	IP21
New Weight (Kg)	20
Gross Weight (Kg)	35
Working Pressure	24.8
Max Cutting Thickness	28.1
Effective Cut Thickness	630*380*555

Plasma Cut

120

Voltage (v)	3-380+10%50Hz/60HZ
Rated Input Capacitor (KVA)	19.43
Rated Input Current (V)	29.5
Rated Output Current	20-120
Rated no-load voltage	350
Rated Duty Voltage	190
Rated Duty Cycle	60
Working Gas Pressure	0.4-0.5
Arc-Striking Mode	-
Quality Cutting Thickness	00.3-30
Max Cutting Thickness	50
Plasma Gas Usage	Compressed Air
Torch Cooling way	Air
Insulation Class	F
Protection Degree	1P21S
Dimension(mm)small	625*355*590
Net Weight(kg)	29
Gross Weight(kg)	30.8



Plasma Cut (Pump)

40C

Rated Input voltage (V)	AC220
Rated Input frequency (Hz)	50
Input current (A)	28
Rated input power (KVA)	6.4
Current adjusting range (A)	15~40
Rated output voltage (V)	96
Rated duty cycle (%)	30
Power factor (Coφs)	0.85
Efficiency (u)	75%
Insulation class	H
Protection class	IP21S
Arc starting method	HF arc starting
Cutting thickness(mm)	10
Lagging time (S)	5-8
Air pressure (Mpa)	0.2-0.6
Size (mm)	435*202*288



80C

Voltage (v)	220/380
Frequency (Hz)	50/60
Rated Input Capacitor (KVA)	34
Rated Output Voltage (V)	104
Power Fcator (COS)	0.9
Output no-load Voltage (V)	290
Rated Duty Cycle (%)	60
Output Current Range (A)	20-60
Efficiency (%)	85
Insulation Class	F
Protection Degree	F
Dimension (mm)	IP21S
New Weight (Kg)	550*290*520
Gross Weight (Kg)	34
Working Pressure	35.9
Max Cutting Thickness	25
Effective Cut Thickness	15



Plasma Cut (Pump)

100C

Voltage (v)	AC 415
Frequency (Hz)	50/60
Rated Input Capacitor (KVA)	13.9
Rated Output Voltage (V)	10.4
Power Fcator (COS)	300
Output no-load Voltage (V)	PLASMA 90/ ARC180
Rated Duty Cycle (%)	116/27.2
Output Current Range (A)	60%
Efficiency (%)	85
Insulation Class	0.85
Protection Degree	F
Dimension (mm)	IP21
New Weight (Kg)	18
Gross Weight (Kg)	31
Working Pressure	39.6
Max Cutting Thickness	42.4
Effective Cut Thickness	680*405*650



PRODUCT GUIDE

WELDING PROCESS						
						Cutting Process
METAL TYPE	Stick	Mig	FCAW	AC-TIG	DC-TIG	PLASMA
Steel	✓	✓	✓		✓	✓
stainless steel	✓	✓	✓		✓	✓
Aluminium		✓		✓		✓
Cast Iron	✓					✓
Copper Brass		✓			✓	✓
Titanium					✓	✓
Magnesium Alloys				✓		✓



Notes :



Notes :

