

MMA120G



Product Parameter

| Parameter | Model | MMA120G |
|----------------------------|-------|-------------|
| Input Voltage(V) | | AC220V±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input current(A) | | 23.2 |
| No-load Voltage(V) | | 55 |
| Output Current Range(A) | | 10-120 |
| Rated Output Current(V) | | 24.8 |
| Arc Force Current Range(A) | | -- |
| Duty cycle(%) | | 40 |
| No-load Loss(W) | | 40 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 2.1 |
| Packing Dimension(mm) | | 295x205x205 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-5.0 | 2.0/2.5 | 10-120 |

Standard accessories



Electrode holder with 2M cable



Earth clamp with 1.5M cable

Optional accessories



Welding Mask



Welding glove



Slag Remover

MMA140G

Product Parameter

| Parameter | Model | MMA140G |
|--------------------------|-------|-------------|
| Inverter Technology | | IGBT |
| Input Voltage(V) | | AC220V±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 27.9 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 30-140 |
| Rated Output Voltage(V) | | 25.6 |
| Duty Cycle(%) | | 40 |
| No-load Loss(W) | | 40 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 4 |
| Packing Dimension(mm) | | 370x250x300 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-5.0 | 1.6/2.0 | 30-140 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA160G

Product Parameter

| Parameter | Model | MMA160G |
|--------------------------|-------|-------------|
| Inverter Technology | | IGBT |
| Input Voltage(V) | | AC220±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 32.7 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 30-160 |
| Rated Output Voltage(V) | | 26.4 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 40 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 6 |
| Packing Dimension(mm) | | 440x260x340 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-6.0 | 2.0/2.5 | 30-160 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA200G

Product Parameter

| Parameter | Model | MMA200G |
|--------------------------|-------|-------------|
| Inverter Technology | | IGBT |
| Input Voltage(V) | | AC220±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 43.6 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 30-200 |
| Rated Output Voltage(V) | | 28 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 40 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 6 |
| Packing Dimension(mm) | | 440x260x340 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-8.0 | 2.5/3.2 | 30-200 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA250G

Product Parameter

| Parameter | Model | MMA250G |
|--------------------------|-------|-------------|
| Inverter Technology | | IGBT |
| Input Voltage(V) | | AC220±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 58.3 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 30-250 |
| Rated Output Voltage(V) | | 30 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 60 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 8 |
| Packing Dimension(mm) | | 440x260x340 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-10.0 | 2.5/3.2 | 30-250 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA160T

Product Parameter

| Parameter | Model | MMA160T |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC220±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 32.7 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 30-160 |
| Rated Output Voltage(V) | | 26.4 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 40 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 5.5 |
| Packing Dimension(mm) | | 365x245x295 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-8.0 | 2.0/2.5 | 30-160 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA200T

Product Parameter

| Parameter | Model | MMA200T |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC220±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 43.6 |
| No-load Voltage(V) | | 58 |
| Output Current Range(A) | | 30-200 |
| Rated Output Voltage(V) | | 28 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 40 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 8 |
| Packing Dimension(mm) | | 440x260x340 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-8.0 | 2.5/3.2 | 30-200 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA250T

Product Parameter

| Parameter | Model | MMA250T |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC220±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 55.2 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 30-250 |
| Rated Output Voltage(V) | | 32 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 80 |
| Efficiency(%) | | 80 |
| Power Factor | | 0.73 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 10 |
| Packing Dimension(mm) | | 530x310x415 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-10.0 | 2.5/3.2/4.0 | 30-250 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA300

Product Parameter

| Parameter | Model | MMA300 |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC415±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 18.4 |
| No-load Voltage(V) | | 60 |
| Output Current Range(A) | | 30-300 |
| Rated Output Voltage(V) | | 32 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 80 |
| Efficiency(%) | | 85 |
| Power Factor | | 0.93 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 13.5 |
| Packing Dimension(mm) | | 580x315x415 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-10.0 | 2.5/3.2/4.0 | 30-300 |

Standard accessories


Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories


Welding Mask



Welding glove



Slag Remover

MMA400MOS



Product Parameter

| Parameter | Model | MMA400 |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC415±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 27.6 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 40-400 |
| Rated Output Voltage(V) | | 36 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 80 |
| Efficiency(%) | | 85 |
| Power Factor | | 0.93 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 23 |
| Packing Dimension(mm) | | 665x415x555 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-16.0 | 2.5/3.2/4.0/5.0/6.0 | 40-400 |

Standard accessories



Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories



Welding Mask



Welding glove



Slag Remover

MMA400G



Product Parameter

| Parameter | Model | MMA400G |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC415±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 27.6 |
| No-load Voltage(V) | | 59 |
| Output Current Range(A) | | 30-400 |
| Rated Output Voltage(V) | | 36 |
| Duty Cycle(%) | | 60 |
| No-load Loss(W) | | 80 |
| Efficiency(%) | | 85 |
| Power Factor | | 0.93 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 20 |
| Packing Dimension(mm) | | 600x360x525 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-20.0 | 4.0/5.0 | 30-400 |

Standard accessories



Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories



Welding Mask



Welding glove



Slag Remover

MMA400IJ



Product Parameter

| Parameter | Model | MMA400I |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC415±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 27.6 |
| No-load Voltage(V) | | 68 |
| Output Current Range(A) | | 30-400 |
| Rated Output Voltage(V) | | 36 |
| Duty Cycle(%) | | 100 |
| No-load Loss(W) | | 100 |
| Efficiency(%) | | 85 |
| Power Factor | | 0.93 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 29 |
| Packing Dimension(mm) | | 675x385x630 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-20.0 | 4.0/5.0 | 30-400 |

Standard accessories



Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories



Welding Mask



Welding glove



Slag Remover

MMA500IJ



Product Parameter

| Parameter | Model | MMA500I |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC415±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 38.4 |
| No-load Voltage(V) | | 80 |
| Output Current Range(A) | | 40-500 |
| Rated Output Voltage(V) | | 40 |
| Duty Cycle(%) | | 100 |
| No-load Loss(W) | | 150 |
| Efficiency(%) | | 85 |
| Power Factor | | 0.93 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 39 |
| Packing Dimension(mm) | | 785x385x720 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-20.0 | 5.0/6.0 | 40-500 |

Standard accessories



Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories



Welding Mask



Welding glove



Slag Remover

MMA630IJ



Product Parameter

| Parameter | Model | MMA630I |
|--------------------------|-------|-------------|
| Input Voltage(V) | | AC415 ±15% |
| Frequency(HZ) | | 50/60 |
| Rated Input Current(A) | | 53.1 |
| No-load Voltage(V) | | 72 |
| Output Current Range(A) | | 40-630 |
| Rated Output Voltage(V) | | 44 |
| Duty Cycle(%) | | 100 |
| No-load Loss(W) | | 200 |
| Efficiency(%) | | 85 |
| Power Factor | | 0.93 |
| Insulation Grade | | F |
| Housing Protection Grade | | IP21 |
| Net Weight(kg) | | 44 |
| Packing Dimension(mm) | | 785x385x720 |

Product Purchase Guide

| Base Material | Plate Thickness(mm) | Electrode Diameter(mm) | Current Range(A) |
|--|---------------------|------------------------|------------------|
| Carbon steel, Stainless steel, Low-alloy steel | 2.0-20.0 | 5.0/6.0/8.0 | 40-630 |

Standard accessories



Electrode holder with 3M cable



Earth clamp with 3M cable

Optional accessories



Welding Mask



Welding glove



Slag Remover