

# APT



2026

## WELDING MACHINES CATALOGUE

The Name You Can Trust



The Name You Can Trust

# APT International

## About:

With Decades of experience, APT International is a global emerging brand that is determined to lead, with solid experience in Product development, manufacturing, distributing, selling, and servicing world class products. We aspire to become a global brand that is trusted by our customers for our tools, accessories, and equipment.

Believing that to build a great tool you need great materials is the driver of our manufacturing process, and for that we source the absolute best raw materials and components to build the most powerful and efficient tool for our customers to rely on.

We put our customers at the heart of everything we do, and we make sure that our wide range of products is available for them in every market we enter through a strong network of central distribution centers, local distributors, and retailers. Complemented with a vast network of service centers equipped with highly qualified technicians delivering a world class customer service quality to ensure our customers complete satisfaction.

## Our Values:

**Reliability:** Our tools are built to last, for our customers to trust that they will consistently deliver the same quality every time.

**Quality:** We have a passionate commitment to providing high quality tools that exceed our customers' expectations.

**Value for Money:** Our advanced production capabilities enable us to offer our customers an unmatched combination of reliability, quality & price.

**Innovation:** We continuously strive to bring innovative solutions, for our customers to have the tools they need to get the job done.

**Customer Focus:** Our customers are at the heart of everything we do, we listen to their needs and work to deliver what they desire.

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## FORCE

## MMA Inverter Welding Machine

- Compact, lightweight & easy to operate, hence extremely efficient for DIY use
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings and ground Bar.
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on each component, hence extending its lifetime.
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

### FORCE-150



### FORCE-200



### FORCE-220



### Technical Data

| Model                       | FORCE-150         | FORCE-200         | FORCE-220         |
|-----------------------------|-------------------|-------------------|-------------------|
| Main Voltage(AC)V           | Single phase 220V | Single phase 220V | Single phase 220V |
| Frequency(Hz)               | 50/60             | 50/60             | 50/60             |
| Input Capacity (KVA)        | 3.5               | 4.9               | 5.3               |
| No Load Voltage(V)          | 65                | 65                | 65                |
| Recommended Generator Power | 4KW               | 5.5KW             | 6KW               |
| Welding Current (A)         | 20-120            | 20-160            | 20-180            |
| Duty Cycle (%)              | 60                | 60                | 60                |
| Electrode(mm)               | 1.6-3.2           | 1.6-4.0           | 1.6-4.0           |
| Insulation Class            | F                 | F                 | F                 |
| Protection Degree(IP)       | IP21S             | IP21S             | IP21S             |
| Dimension(mm)               | 310×220×210       | 380×230×260       | 380×230×260       |
| Weight (Kg)                 | 2.5               | 3.5               | 3.9               |



## WALDA

## MMA Inverter Welding Machine

- Compact, lightweight & easy to operate.
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings and ground Bar.
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on eac component, hence extending its lifetime.
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

### WALDA-180



### WALDA-200



### WALDA-250



### Technical Data

| Model                       | WALDA-180         | WALDA-200         | WALDA-250         |
|-----------------------------|-------------------|-------------------|-------------------|
| Main Voltage(AC)V           | Single phase 220V | Single phase 220V | Single phase 220V |
| Frequency(Hz)               | 50/60             | 50/60             | 50/60             |
| Input Capacity (KVA)        | 4.2               | 4.9               | 5.5               |
| No Load Voltage(V)          | 65                | 65                | 65                |
| Recommended Generator Power | 5KW               | 5.5KW             | 6KW               |
| Welding Current (A)         | 20-140            | 20-160            | 20-185            |
| Duty Cycle (%)              | 60                | 60                | 60                |
| Electrode(mm)               | 1.6-4.0           | 1.6-4.0           | 1.6-5.0           |
| Insulation Class            | F                 | F                 | F                 |
| Protection Degree(IP)       | IP21S             | IP21S             | IP21S             |
| Dimension(mm)               | 380×230×260       | 380×230×260       | 380×230×260       |
| Weight (Kg)                 | 3.8               | 3.9               | 4.3               |



## FUSION

## MMA/TIG LIFT Inverter Welding Machine

- Compact, lightweight & easy to operate.
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings and ground cables
- Single integrated circuit board
- Better output control and reducing the current on each component, hence extending its lifetime
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

### FUSION-230G



### FUSION-280G



### Technical Data

| Model                       | FUSION-230G       | FUSION-280G       |
|-----------------------------|-------------------|-------------------|
| Main Voltage(AC)V           | Single phase 220V | Single phase 220V |
| Frequency(Hz)               | 50/60             | 50/60             |
| Input Capacity (KVA)        | 5.3               | 5.8               |
| No Load Voltage(V)          | 65                | 65                |
| Recommended Generator Power | 6KW               | 7KW               |
| Welding Current (A)         | 20-180            | 20-200            |
| Duty Cycle (%)              | 60                | 60                |
| Electrode(mm)               | 1.6-4.0           | 1.6-5.0           |
| Insulation Class            | F                 | F                 |
| Protection Degree(IP)       | IP21S             | IP21S             |
| Dimension(mm)               | 470×270×330       | 470×270×330       |
| Weight (Kg)                 | 5.4               | 5.6               |



## SOLDA

## MMA Inverter Welding Machine

- Compact, lightweight & easy to operate.
- With an internal support structure preventing internal parts damage if impacted
- High quality copper windings and bars for both torch and ground connections
- Cooling fins with big surface area, two fans and several openings for better cooling
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on each component, hence extending its lifetime
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

### SOLDA-315DV



### SOLDA-415DV



### SOLDA-450SV



### Technical Data

| Model                       | SOLDA-315DV           | SOLDA-415DV           | SOLDA-450SV       |
|-----------------------------|-----------------------|-----------------------|-------------------|
| Main Voltage(AC)V           | Single phase 220/380V | Single phase 220/380V | Single phase 220V |
| Frequency(Hz)               | 50/60                 | 50/60                 | 50/60             |
| Input Capacity (KVA)        | 5.8/6.3               | 5.9/7.8               | 9.5               |
| No Load Voltage(V)          | 70/55                 | 90/75                 | 70                |
| Recommended Generator Power | 7KW                   | 9KW                   | 10KW              |
| Welding Current (A)         | 20-180/20-190         | 20-180/20-250         | 20-280            |
| Duty Cycle (%)              | 60                    | 60                    | 60                |
| Electrode(mm)               | 1.6-5.0               | 1.6-6.0               | 1.6-6.0           |
| Insulation Class            | F                     | F                     | F                 |
| Protection Degree(IP)       | IP21S                 | IP21S                 | IP21S             |
| Dimension(mm)               | 530×285×400           | 620×340×500           | 600×315×455       |
| Weight (Kg)                 | 8.5                   | 12.5                  | 14.1              |



## SOLDA

## MMA Inverter Welding Machine

- stabilizing the arc, preventing the arc from cutting out while welding and preventing electrode sticking
- increasing the arc time and decreasing the frequency of short-circuiting, reducing splatter and providing higher quality welding.
- Three high capacity 100  $\mu$ F capacitors providing power stability and higher efficiency
- with an internal support structure preventing internal parts damage if impacted
- Cooling fins with big surface area, two fans and several openings for better cooling
- Better output control and reducing the current on each component, hence extending its lifetime
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Easy arc ignition



### Technical Data

| Model                 | SOLDA-315   | SOLDA-400   | SOLDA-500   |
|-----------------------|-------------|-------------|-------------|
| Main Voltage(AC)V     | 3PH 380     | 3PH 380     | 3PH 380     |
| Frequency(Hz)         | 50/60       | 50/60       | 50/60       |
| Input Capacity (KVA)  | 12.7        | 16.5        | 26.7        |
| No Load Voltage(V)    | 65          | 65          | 65          |
| Welding Current (A)   | 30-315      | 30-400      | 30-500      |
| Duty Cycle (%)        | 60          | 60          | 60          |
| Electrode(mm)         | 1.6-5.0     | 1.6-6.0     | 1.6-8.0     |
| Insulation Class      | F           | F           | F           |
| Protection Degree(IP) | IP21S       | IP21S       | IP21S       |
| Dimension(mm)         | 580×330×580 | 580×330×580 | 580×330×580 |
| Weight (Kg)           | 19          | 19          | 19          |



WS

## TIG/MMA Welding Machine

- Compact, lightweight & easy to operate.
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings, bars and internal connections
- Suitable for TIG and MMA applications
- Better output control and reducing the current on each component, hence extending its lifetime
- Three integrated circuit boards providing versatility and ensuring space for more components for operation protection
- High capacity capacitors providing power stability and higher efficiency
- Safety from overheating along with an indicator



### Accessories:



### Technical Data

| Model                   | WS-200      | WS-250      |
|-------------------------|-------------|-------------|
| Main Voltage(AC)V       | 1PH 220     | 1PH 220     |
| Frequency(Hz)           | 50/60       | 50/60       |
| Input Capacity (KVA)    | 5.8         | 6.8         |
| No Load Voltage(V)      | 65          | 65          |
| MMA Welding Current (A) | 20-200      | 20-220      |
| TIG Welding Current (A) | 5-200       | 5-220       |
| Duty Cycle (%)          | 60          | 60          |
| MMA Electrode(mm)       | 1.6-5.0     | 1.6-5.0     |
| TIG WIRE (mm)           | 1.6-2.4     | 1.6-2.4     |
| Insulation Class        | F           | F           |
| Protection Degree(IP)   | IP21S       | IP21S       |
| Dimension(mm)           | 470×270×330 | 470×270×330 |
| Weight (Kg)             | 7.5         | 9.5         |



## TS

## TIG/MMA Welding Machine

- Compact, lightweight & easy to operate.
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings, bars and internal connections
- Suitable for TIG and MMA applications
- Better output control and reducing the current on each component, hence extending its lifetime
- Three integrated circuit boards providing versatility and ensuring space for more components for operation protection
- High capacity capacitors providing power stability and higher efficiency
- Safety from overheating along with an indicator



### Accessories:



### Technical Data

| Model                   | TS-160      | TS-180      |
|-------------------------|-------------|-------------|
| Main Voltage(AC)V       | 1PH 220     | 1PH 220     |
| Frequency(Hz)           | 50/60       | 50/60       |
| Input Capacity (KVA)    | 4.9         | 5.3         |
| No Load Voltage(V)      | 65          | 65          |
| MMA Welding Current (A) | 20-140      | 20-160      |
| TIG Welding Current (A) | 10-160      | 10-180      |
| Duty Cycle (%)          | 60          | 60          |
| MMA Electrode(mm)       | 1.6-4.0     | 1.6-5.0     |
| TIG WIRE (mm)           | 1.6-2.0     | 1.6-2.4     |
| Insulation Class        | F           | F           |
| Protection Degree(IP)   | IP21S       | IP21S       |
| Dimension(mm)           | 400×230×260 | 400×230×260 |
| Weight (Kg)             | 4.2/6.9     | 4.7/7.4     |



## TIG

## TIG/MMA AC/DC Welding Machine

- Three high capacity 820  $\mu$ F capacitors providing power stability and higher efficiency
- Better output control and reducing the current on each component, hence extending its lifetime
- Suitable for TIG and MMA applications
- Four integrated circuit boards providing versatility and ensuring space for more components for operation protection
- High quality copper windings and bars for both torch and ground connections.
- Compact, lightweight & easy to operate, hence extremely efficient



### Accessories:



### Technical Data

| Model                       | TIG-200      | TIG-230      |
|-----------------------------|--------------|--------------|
| Main Voltage(AC)V           | 1PH 220      | 1PH 220      |
| Frequency(Hz)               | 50/60        | 50/60        |
| Input Capacity (KVA)        | 6.5          | 7.1          |
| No Load Voltage(V)          | 74           | 74           |
| Welding Current TIG/MMA (A) | 5-200/20-180 | 5-250/20-200 |
| ARC Force current range (%) | 0-150        | 0-150        |
| Hot Start Range (%)         | 0-150        | 0-150        |
| DC Pulse Base Current (%)   | 10-100       | 10-100       |
| Pulse Frequency (Hz)        | 0.2-500      | 0.2-500      |
| Duty Cycle (%)              | 60           | 60           |
| Electrode(mm)               | 1.6-5.0      | 1.6-5.0      |
| Insulation Class            | F            | F            |
| Protection Degree(IP)       | IP21S        | IP21S        |
| Dimension(mm)               | 390×180×300  | 390×180×300  |
| Weight (Kg)                 | 12           | 13           |



## PRACTIC MIG/MAG & MMA Welding Machine

- Compact, lightweight & easy to operate, hence extremely efficient
- This machine holds the 15 kg wire roll
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on each component, hence extending its lifetime.
- Incorporated wheels for easier mobility
- Five high capacity 680  $\mu$ F capacitors providing power stability and higher efficiency
- Suitable for MIG/MAG and MMA applications
- with an internal support structure preventing internal parts damage if impacted

### Accessories:



### Technical Data

| Model                 | PRACTIC-250 | PRACTIC-350 | PRACTIC-500 |
|-----------------------|-------------|-------------|-------------|
| Main Voltage(AC)V     | 1PH 220     | 3PH 380     | 3PH 380     |
| Frequency(Hz)         | 50/60       | 50/60       | 50/60       |
| Input Capacity (KVA)  | 7.3         | 15          | 24.3        |
| No Load Voltage(V)    | 50          | 50          | 50          |
| Welding Current (A)   | 50-250      | 50-350      | 50-500      |
| Duty Cycle (%)        | 60          | 60          | 60          |
| Electrode(mm)         | 0.8-1.2     | 0.8-1.6     | 1.2-1.6     |
| Insulation Class      | F           | F           | F           |
| Protection Degree(IP) | IP21S       | IP21S       | IP21S       |
| Dimension(mm)         | 600×300×650 | 630×330×640 | 630×330×640 |
| Weight (Kg)           | 27          | 36          | 37          |



## MIGSTAR

## MIG/DC Welding Machine

- Internal support structure preventing internal parts damage if impacted
- High quality copper windings and bars for both torch and ground connections
- Better output control and reducing the current on each component, hence extending its lifetime
- Six high capacity 1500  $\mu$ F capacitors providing power stability and higher efficiency
- Incorporated wheels for easier mobility
- Secured built-in gas tube space for ease of operation
- Safety from overheating along with an indicator



### Accessories:



### Technical Data

| Model                 | MIGSTAR-210 | MIGSTAR-250 | MIGSTAR-2503 | MIGSTAR-3153 | MIGSTAR-3503 |
|-----------------------|-------------|-------------|--------------|--------------|--------------|
| Main Voltage(AC)V     | 1 PH 220    | 1 PH 220    | 3 PH 380     | 3 PH 380     | 3 PH 380     |
| Frequency(Hz)         | 50/60       | 50/60       | 50/60        | 50/60        | 50/60        |
| Input Capacity (KVA)  | 6.3         | 7.6         | 9.8          | 13           | 17           |
| No Load Voltage(V)    | 22-43       | 22-47       | 16-36        | 16-36        | 16-36        |
| Welding Current (A)   | 50-190      | 50-210      | 35-250       | 35-315       | 35-350       |
| Duty Cycle (%)        | 25          | 25          | 60           | 35           | 35           |
| Wire(mm)              | 0.8-1.0     | 0.8-1.0     | 0.8-1.0      | 0.8-1.2      | 0.8-1.2      |
| Insulation Class      | H           | H           | H            | H            | H            |
| Protection Degree(IP) | IP21S       | IP21S       | IP21S        | IP21S        | IP21S        |
| Dimension(mm)         | 880×360×650 | 880×360×650 | 970×500×750  | 970×500×750  | 970×500×750  |
| Weight (Kg)           | 55          | 60          | 95           | 108          | 115          |



## BX1

## MMA/AC Welding Machine

- with an internal support structure preventing internal parts damage if impacted
- Cooling with a big fan along with several openings for better cooling
- Incorporated wheels for easier mobility
- Excellent welding characteristics For welding of low-carbon or low-alloy steels
- Suitable for industry and construction fields



### Technical Data

| Model                 | BX250-1     | BX315-1     | BX400-1     | BX500-1     | BX630-1     |
|-----------------------|-------------|-------------|-------------|-------------|-------------|
| Main Voltage(AC)V     | 220/380     | 220/380     | 220/380     | 220/380     | 220/380     |
| Frequency(Hz)         | 50/60       | 50/60       | 50/60       | 50/60       | 50/60       |
| Input Capacity (KVA)  | 16          | 21          | 30          | 40          | 51          |
| No Load Voltage(V)    | 58          | 60          | 70          | 72          | 78          |
| Welding Current (A)   | 50-250      | 60-315      | 80-400      | 100-500     | 125-630     |
| Duty Cycle (%)        | 35          | 35          | 35          | 35          | 35          |
| Electrode(mm)         | 2-5         | 2-6         | 2.5-7       | 3.2-8       | 3.2-10      |
| Insulation Class      | F           | F           | F           | F           | F           |
| Protection Degree(IP) | IP21S       | IP21S       | IP21S       | IP21S       | IP21S       |
| Dimension(mm)         | 560×415×650 | 590×720×455 | 590×720×455 | 490×640×750 | 490×640×750 |
| Weight (Kg)           | 60          | 68          | 78          | 84          | 92          |



## ZXE1

## MMA AC/DC Welding Machine

- with an internal support structure preventing internal parts damage if impacted
- Cooling with two fans (one for the windings and one for the rectifier along with several openings for better cooling)
- Incorporated wheels for easier mobility
- Movable iron core for AC welding along with a rectifier for DC welding
- Stepless current adjustment during both AC and DC applications
- High quality copper windings and bars for both torch and ground connections.
- Widely use, welding for soft steel and low-alloy steel



### Technical Data

| Model                 | ZXE1-250    | ZXE1-315    | ZXE1-400    | ZXE1-500    | ZXE1-630    |
|-----------------------|-------------|-------------|-------------|-------------|-------------|
| Main Voltage(AC)V     | 220/380     | 220/380     | 220/380     | 220/380     | 220/380     |
| Frequency(Hz)         | 50/60       | 50/60       | 50/60       | 50/60       | 50/60       |
| Input Capacity (KVA)  | 18.5        | 32.5        | 32.5        | 42          | 42          |
| No Load Voltage(V)    | 76          | 76          | 76          | 76          | 76          |
| Welding Current (A)   | 40-230      | 45-250      | 60-310      | 80-420      | 100-510     |
| Duty Cycle (%)        | 10          | 35          | 35          | 35          | 35          |
| Electrode(mm)         | 2-5         | 2-6         | 2-7         | 2-8         | 2-8         |
| Insulation Class      | F           | F           | F           | F           | F           |
| Protection Degree(IP) | IP21S       | IP21S       | IP21S       | IP21S       | IP21S       |
| Dimension(mm)         | 500×450×650 | 490×650×790 | 490×650×790 | 490×650×790 | 490×650×790 |
| Weight (Kg)           | 87          | 92          | 116         | 120         | 125         |



## DN

## DN - Spot Welding Machine

- Heavy Duty
- High quality copper windings, bars and internal connections.
- Cooling system run by water
- Copper sheet used instead of cylindrical windings to avoid damage during operation
- with an internal support structure preventing internal parts damage if impacted
- Enables the user to control the spot pulse time to avoid human error



### Technical Data

| Model                       | DN-10         | DN-16         | DN-25         | DN-35         |
|-----------------------------|---------------|---------------|---------------|---------------|
| Main Voltage(AC)V           | 1PH 220       | 1PH 220       | 1PH 220       | 1PH 220       |
| Frequency(Hz)               | 50/60         | 50/60         | 50/60         | 50/60         |
| Input Capacity (KVA)        | 10            | 16            | 25            | 35            |
| No Load Voltage(V)          | 2             | 2.5           | 3.5           | 4             |
| Welding Current (A)         | 5400          | 6400          | 7100          | 7600          |
| Duty Cycle (%)              | 20            | 20            | 20            | 20            |
| Cooling Mode                | Water Cooling | Water Cooling | Water Cooling | Water Cooling |
| Dia of applicable Electrode | 0.3+0.3-2+2   | 0.5+0.5-3+3   | 0.5+0.5-4+4   | 0.5+0.5-5+5   |
| Insulation Class            | F             | F             | F             | F             |
| Protection Degree(IP)       | IP21S         | IP21S         | IP21S         | IP21S         |
| Dimension(mm)               | 500×450×650   | 490×650×790   | 490×650×790   | 490×650×790   |
| Weight (Kg)                 | 55            | 68            | 75            | 81            |



## CUT

## Plasma Cutting Machine

- Compact, lightweight & easy to operate.
- with an internal support structure preventing internal parts damage if impacted
- Cooling fins with big surface area, a fan and several openings for better cooling
- High quality copper windings and bars for both torch and ground connections
- Pilot arc connection, a high voltage arc briefly ionizing the air within the torch head
- Better output control and reducing the current on each component, hence extending its lifetime
- Three integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Gas pressure regulator, post gas knob, current knob



### Accessories:



### Technical Data

| Model                          | CUT-40      | CUT-55      |
|--------------------------------|-------------|-------------|
| Main Voltage(AC)V              | 1PH 220     | 1PH 220     |
| Frequency(Hz)                  | 50/60       | 50/60       |
| Input Capacity (KVA)           | 5.8         | 7.3         |
| No Load Voltage(V)             | 240         | 240         |
| Cutting Current (A)            | 10-40       | 10-55       |
| Duty Cycle (%)                 | 60          | 60          |
| Max. Cutting Thickness (mm)    | 15          | 22          |
| Optimum Cutting Thickness (mm) | 10          | 15          |
| Gas Delay (sec)                | 0-10        | 0-10        |
| Insulation Class               | F           | F           |
| Protection Degree(IP)          | IP21S       | IP21S       |
| Dimension(mm)                  | 470×270×330 | 470×270×330 |
| Weight (Kg)                    | 6.5         | 6.9         |



## LGK8

## Plasma Cutting Machine

- Compact, lightweight & easy to operate.
- with an internal support structure preventing internal parts damage if impacted
- Cooling fins with big surface area, a fan and several openings for better cooling
- High quality copper windings and bars for both torch and ground connections
- Pilot arc connection, a high voltage arc briefly ionizing the air within the torch head
- Better output control and reducing the current on each component, hence extending its lifetime
- Three integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Gas pressure regulator, post gas knob, current knob and 2T/4T control switch



### Accessories:



### Technical Data

| Model                       | LGK8-60     | LGK8-100    |
|-----------------------------|-------------|-------------|
| Main Voltage(AC)V           | 3PH 380     | 3PH 380     |
| Frequency(Hz)               | 50/60       | 50/60       |
| Input Capacity (KVA)        | 5.2         | 14.8        |
| No Load Voltage(V)          | 240         | 260         |
| Cutting Current (A)         | 20-60       | 20-100      |
| Duty Cycle (%)              | 60          | 60          |
| Max. Cutting Thickness (mm) | 20          | 35          |
| Insulation Class            | F           | F           |
| Protection Degree(IP)       | IP21S       | IP21S       |
| Dimension(mm)               | 480×250×400 | 580×330×580 |
| Weight (Kg)                 | 20          | 28          |





# Welding Accessories



The Name  
You Can Trust

## Electrode Holder

- Full Brass Connection

### Technical Data

| Item number |  |
|-------------|-----------------------------------------------------------------------------------|
| 9431600030  | DW-WH300                                                                          |
| 9431600040  | DW-WH400                                                                          |
| 9431600050  | DW-WH500                                                                          |
| 9431600060  | DW-WH600                                                                          |
| 9431600080  | DW-WH800                                                                          |



300 Amp 400 Amp 500 Amp 600 Amp 800 Amp

## Ground Clamp

- Full Brass Connection

### Technical Data

| Item number |  |
|-------------|-------------------------------------------------------------------------------------|
| 9431602030  | DW-WH300-2                                                                          |
| 9431602050  | DW-WH500-2                                                                          |



300 Amp 500 Amp

## PP Weldnig Mask

- Glass Size 108×50mm

### Technical Data

| Item number |  |
|-------------|-------------------------------------------------------------------------------------|
| 9435000015  | DW-Wm1                                                                              |



## PP Welding Mask Over Head Flip type

- Glass Size 108×50mm

### Technical Data

| Item number |  |
|-------------|---------------------------------------------------------------------------------------|
| 9435000016  | DW-Wm2                                                                                |



## PP Welding Mask Over Head Flip Type

-BIG GLASS 110×90mm

### Technical Data

| Item number |  |
|-------------|-------------------------------------------------------------------------------------|
| 9435000020  | DW-Wm6                                                                              |



## Auto-darkening Welding Helmet

Filter size: 110×90×9 mm  
 Viewing field: 90×35 mm  
 Optical class: 1/1/1/2  
 Shade control: Light states DIN 3, Dark states DIN 11  
 Sensitivity Control: Automatic  
 Power Supply: Solar cells +1×CR2032 lithium battery  
 Helmet Material: PP(Fireproofing)

### Technical Data

| Item number |        |
|-------------|--------|
| 9435000017  | DW-Wm3 |

|                       |                                 |
|-----------------------|---------------------------------|
| Switching Time        | Light-dark:1/15,000sec          |
| Delay Time            | Dark-Light:0.25-0.45S Automatic |
| UV-IR Protection      | Up to shade DIN16 at all time   |
| Arc Sensors           | 2                               |
| Low TIG amps rated    | 30amps(DC/AC)                   |
| Operating Temperature | -5°C-+55°C                      |
| Power Control         | Automatic                       |



## Auto-darkening Welding Helmet

Filter size: 110×90×9 mm  
 Viewing field: 93×43 mm  
 Optical class: 1/1/1/2  
 Shade control: Light states: DIN 4 ,Dark states DIN 9-13  
 Sensitivity Control: Adjustable by internal kn  
 Power Supply: Solar cells +Replaceable 1×CR2450 lithium battery  
 Grinding Function: Yes  
 Low Volume Alarm: Yes  
 ADF Self Check: Yes  
 Helmet Material: PP(Fireproofing)

### Technical Data

| Item number |        |
|-------------|--------|
| 9435000018  | DW-Wm4 |

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Switching Time        | Light-dark:1/25,000sec                          |
| Delay Time            | Dark-Light:0.1-1.0S Adjustable by internal knob |
| UV-IR Protection      | Up to shade DIN16 at all time                   |
| Arc Sensors           | 2                                               |
| Low TIG amps rated    | 10amps (DC/AC)                                  |
| Operating Temperature | -5°C-+55°C                                      |
| Power Control         | Automatic                                       |



## Auto-darkening Welding Helmet

Filter size: 133×114×10 mm  
 Viewing field: 100×90 mm  
 Optical class: 1/1/1/1  
 Shade control: Light states: DIN 4 ,Dark states DIN 5~9/9~13  
 Sensitivity Control: Adjustable by internal knob  
 Power Supply: Solar cells +Replaceable 1×CR2450 lithium battery  
 Grinding Function: Yes  
 Low Volume Alarm: Yes  
 ADF Self Check: Yes  
 Helmet Material: PP(Fireproofing)

### Technical Data

| Item number |        |
|-------------|--------|
| 9435000019  | DW-Wm5 |

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Switching Time        | Light-dark:1/35,000sec                          |
| Delay Time            | Dark-Light:0.1-1.0S Adjustable by internal knob |
| UV-IR Protection      | Up to shade DIN16 at all time                   |
| Arc Sensors           | 4                                               |
| Low TIG amps rated    | 5amps(DC/AC)                                    |
| Operating Temperature | -5°C-+55°C                                      |
| Power Control         | Automatic                                       |



## Welding Goggles

Filter size: 108×50.8×5 mm  
 Viewing field: 94×30mm  
 Optical class: 1/1/1/2  
 Shade control: Light states: DIN 3 ,Dark states DIN 11  
 Sensitivity Control: Automatic  
 Power Supply:Solar cells +replaceable 1×CR927 lithium battery  
 Grinding Function: No  
 Material: Nylon(Fireproofing)

### Technical Data

| Item number |         |
|-------------|---------|
| 9435000022  | DW-WGA1 |

|                       |                                 |
|-----------------------|---------------------------------|
| Switching Time        | Light-dark:1/15,000sec          |
| Delay Time            | Dark-Light:0.25-0.45s Automatic |
| UV-IR Protection      | Up to shade DIN16 at all time   |
| Arc Sensors           | 2                               |
| Low TIG amps rated    | 30amps(DC/AC)                   |
| Operating Temperature | -5°C-+55°C                      |
| Power Control         | Automatic                       |



## Welding Goggles

Filter size: 145.4×53×30 mm  
 Viewing field: 51×33 mm  
 Optical class: 1/1/1/2  
 Shade control: Light states DIN 3 ,Dark states DIN 11  
 Sensitivity Control: Automatic  
 Power Supply: Solar cells + replaceable 1×CR927 lithium battery  
 Grinding Function: No  
 Helmet Material: ABS(Fireproofing)

### Technical Data

| Item number |         |
|-------------|---------|
| 9435000023  | DW-WGA2 |

|                       |                                 |
|-----------------------|---------------------------------|
| Switching Time        | Light-dark:1/15,000sec          |
| Delay Time            | Dark-Light:0.25-0.45s Automatic |
| UV-IR Protection      | Up to shade DIN16 at all time   |
| Arc Sensors           | 1                               |
| Low TIG amps rated    | 30amps(DC/AC)                   |
| Operating Temperature | -5°C-+55°C                      |
| Power Control         | Automatic                       |



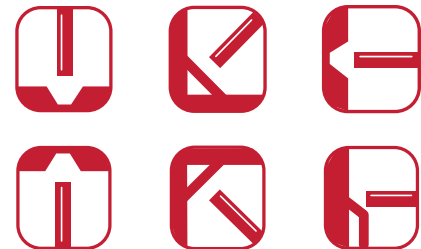
## Welding Glass

Thick, hard with high quality glass



### Technical Data

| Item number |           | Lens Shade | Color       |            | Pcs in Box |
|-------------|-----------|------------|-------------|------------|------------|
| 9435000009  | DW-WG08   | 8          | Black       | 108×50×2.5 | 20         |
| 9435000010  | DW-WG09   | 9          | Black       | 108×50×2.5 | 20         |
| 9435000011  | DW-WG10   | 10         | Black       | 108×50×2.5 | 20         |
| 9435000011a | DW-WG11   | 11         | Black       | 108×50×2.5 | 20         |
| 9435000011n | DW-BWG-09 | 9          | Black       | 110×90×2.7 | 20         |
| 9435000011p | DW-BWG-11 | 11         | Black       | 110×90×2.7 | 20         |
| 9435000011x | DW-BTG    | -          | Transparent | 107×89×1   | 100        |

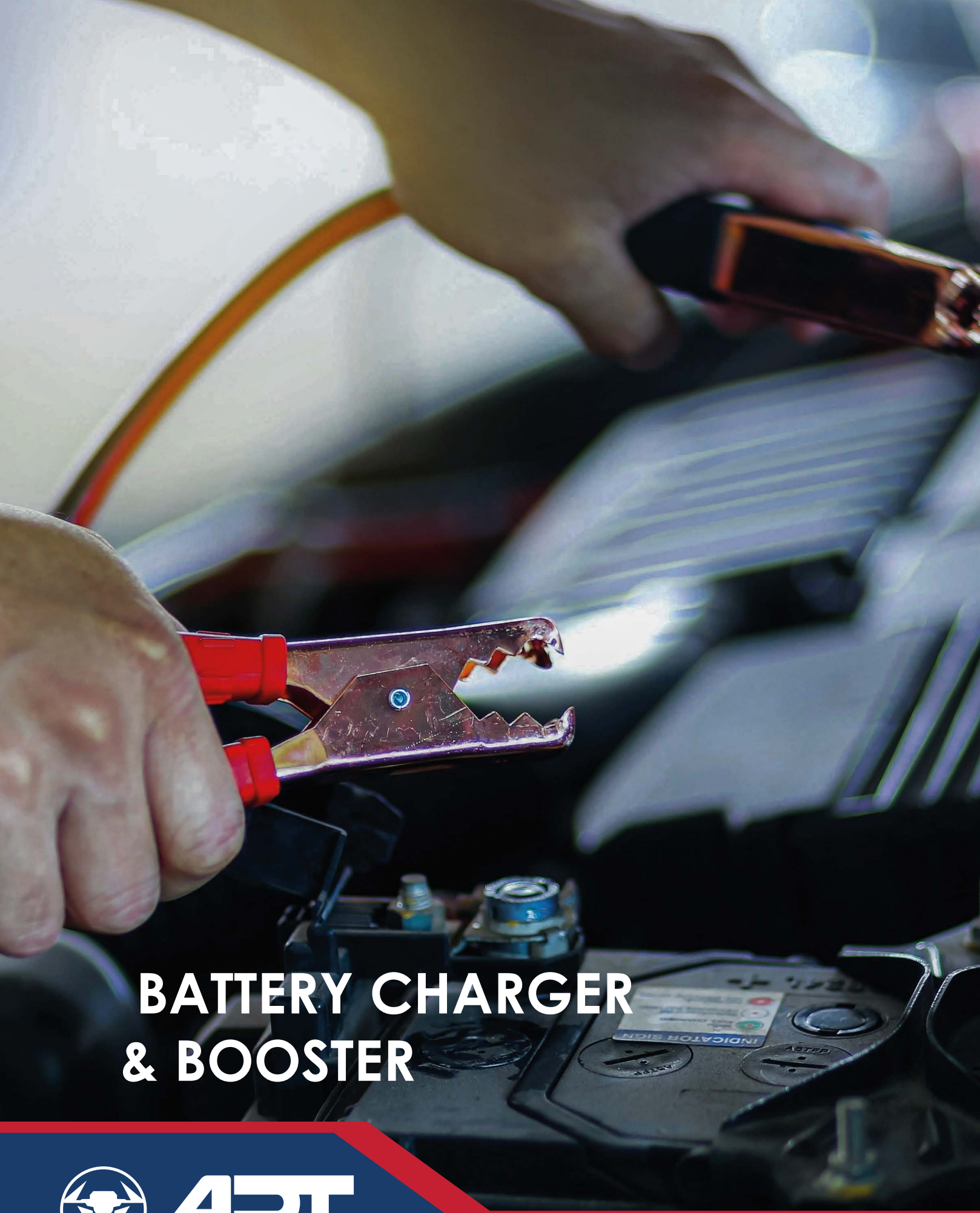
**Welding Solid Wire ER70S-6**

**Technical Data**

| Item Number   | SIZE | WEIGHT |
|---------------|------|--------|
| 8438001160080 | 0.8  | 15kg   |
| 8438001160100 | 1.0  | 15kg   |
| 8438001160120 | 1.2  | 15kg   |


**Low Carbon Steel Welding Electrodes**
**AWS - E6013**

**Technical Data**

| Item Number   | SIZE | Current(A)<br>AC or DC |
|---------------|------|------------------------|
| 8438001170251 | 2.5  | 70-90                  |
| 8438001170320 | 3.3  | 90-140                 |
| 8438001170400 | 4.0  | 140-190                |
| 8438001170500 | 5.0  | 180-240                |



# BATTERY CHARGER & BOOSTER



# APT

The Name  
You Can Trust

## Rhine

## Battery Charger

- Modern design and high performance
- Simple operation and maintenance
- Equipped with selector for normal or quick Boost charge
- Compact and portable
- Provided with complete kits and equipped with ammeter



| Model                | Rhine11     | Rhine15     | Rhine18     | Rhine20     | Rhine30     | Rhine50     |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Main Voltage(AC)V    | 1 PH 230    | 1 PH 230    | 1 PH 230    | 1 PH 230    | 1 PH 230    | 1 PH 230    |
| Frequency(Hz)        | 50/60       | 50/60       | 50/60       | 50/60       | 50/60       | 50/60       |
| Charge Voltage(V)    | 6-12        | 12-24       | 12-24       | 12-24       | 12-24       | 12-24       |
| InputPower(Kw)       | 50          | 110         | 200         | 300         | 800         | 1000        |
| Effective Current(A) | 4           | 9           | 14          | 20          | 30          | 45          |
| Average Current(A)   | 4           | 4.5         | 8           | 12          | 30          | 45          |
| InputPower(KW)       | 2.5         | 6           | 9           | 12          | 20          | 30          |
| Effective Current(A) | 2.5         | 3           | 5           | 8           | 20          | 30          |
| AverageCurrent(A)    | 7.5         | 15          | 15          | 20          | 30          | 50          |
| Dimension(mm)        | 190×115×185 | 200×115×210 | 245×170×190 | 295×225×225 | 295×225×225 | 260×345×260 |
| Weight (Kg)          | 1.8         | 2.4         | 4.5         | 7.6         | 9           | 12.5        |



## BoostStar

## Battery Charger and Booster

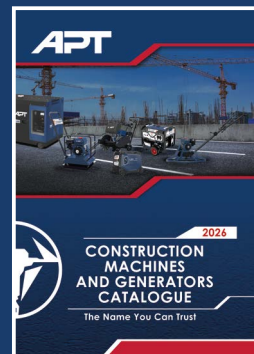
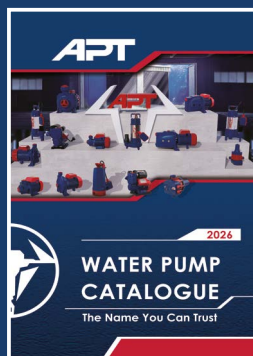
- Single phase battery charger & starter
- For charging lead-acid batteries with 12/24V
- Automatic thermal protection
- Choice of normal charge, quick charge boost and quick start
- Timer for quick charge



| Model                | BoostStar-320 | BoostStar-420 | BoostStar-520 | BoostStar-620 |
|----------------------|---------------|---------------|---------------|---------------|
| Main Voltage(AC)V    | 1 PH 230      | 1 PH 230      | 1 PH 230      | 1 PH 230      |
| Frequency(Hz)        | 50/60         | 50/60         | 50/60         | 50/60         |
| Charge Voltage(V)    | 12-24         | 12-24         | 12-24         | 12-24         |
| InputPower(Kw)       | 0.8           | 1.0           | 1.4           | 1.6           |
| Effective Current(A) | 30            | 45            | 65            | 90            |
| Average Current(A)   | 30            | 50            | 60            | 70            |
| InputPower(KW)       | 6.4           | 8.6           | 10            | 13            |
| Effective Current(A) | 300           | 400           | 490           | 570           |
| AverageCurrent(A)    | 180           | 240           | 300           | 360           |
| Dimension(mm)        | 550×270×240   | 550×270×240   | 260×660×360   | 260×660×360   |
| Weight (Kg)          | 16            | 23            | 26            | 28            |



# Check Our Range



# APT

The Name You Can Trust



# APT



**Contact Us**



[Info@apt-international.com](mailto:Info@apt-international.com)

