

# Product Specifications

## DANOX DC-500

ORIGIN CHINA

| Advance Design | Quality Assurance |



LIFT-TIG



HI-Def LED  
display



Synergic  
MMA



MMA



TIG

## Accessories

- 2PCS Quick Plugs
- 1PC #4 Hex Key (ARC-120/140/160) / #5 Hex Key (ARC-180/200)
- 300Amp Earth Clamp with 3mtr cable, Dinse Male Plug
- 300Amp Electrode Holder with 3mtr cable, Dinse Male Plug

Prepared By  
**Danox Welding Pte Ltd**  
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## Features

- Dual IGBT modules, strong current and high duty cycle.
- Synergic control: Automatically matches the appropriate current.
- Hi-Def digital display, various icons for easy operation.
- Lift-TIG function with easy arc striking.
- Reliable safety protection, higher Insulation class, upgraded safety protection system with self-diagnose function.

## Technical Parameters

|                           | ARC-320M(23H5B011)    | ARC-400M(23H4B008)    |
|---------------------------|-----------------------|-----------------------|
| Input power source        | AC380V/3P±15% 50/60HZ | AC380V/3P±15% 50/60HZ |
| Rated Input power (KVA)   | 13.7                  | 18.8                  |
| Power factor (cosφ)       | 0.9                   | 0.9                   |
| No-load Voltage (V)       | 65                    | 65                    |
| Welding current (A)       | 30-320                | 30-400                |
| Arc force range (A)       | 0-100                 | 0-100                 |
| Hot start range (A)       | 0-100                 | 0-100                 |
| Duty cycle (%) @25°C      | 80                    | 80                    |
| Duty cycle (%) @40°C      | 40                    | 40                    |
| Efficiency (%)            | 85                    | 85                    |
| Protection class          | IP21S                 | IP21S                 |
| Insulation class          | H                     | H                     |
| Dimension (mm)            | 443*202*330           | 472*202*330           |
| Weight (kg)               | 10.5                  | 12.5                  |
| Applicable electrode (mm) | 2.5-5.0               | 2.5-5.0               |

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