

# ACDC200

EN SERIES

NGEN EMPOWERING FUTURE

## ACDC200 EN

### AC/DC Pulse TIG Welding Machine 200A / Single Phase 110V/220V

WARRANTY




## Product Features

• AC/DC TIG: AC for aluminium and its alloys, DC for steel and stainless steel, in one machine.
• Pulse TIG: pulse mode for controlled heat input on thin sheet.
• 2T/4T trigger control: choose the trigger mode that suits short tacks or long weld runs.
• HF TIG and MMA: high frequency arc start for TIG, plus stick welding mode.
• Foot pedal ready: automatic foot pedal recognition and remote control.
• Dual voltage 110V / 220V: single phase input; up to 200A TIG and 160A MMA on 220V.

Designed in CANADA
Built to Last

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## SPECIFICATION

| Model | NGEN-ACDC200 (EN) |
|---|---|
| Supply Voltage | Single phase AC 110V / 220V, 50/60Hz |
| Rated Current (A) | 37 |
| Power Capacity (kVA) | 8.1 |
| Rated Output MMA (A) | 110V: 120 / 220V: 160 |
| Rated Output TIG (A) | 110V: 140 / 220V: 200 |
| Output Current Range MMA (A) | 110V: 20 to 120 / 220V: 20 to 160 |
| Output Current Range TIG (A) | 110V: 10 to 140 / 220V: 10 to 200 |
| Arc Force Current Range (A) | 0 to 100 |
| No-load Voltage (V) | 16 with VRD / 56 without VRD |
| Pre-flow Time (s) | 0.1 to 5 |
| Up-slope Time (s) | 0 to 10 |
| Initial Current (A) | 10 to 100 |
| AC Output Frequency (Hz) | 30 to 100 |
| AC Balance | 15% to 50% |
| Down-slope Time (s) | 0 to 15 |
| Post-flow Time (s) | 0.5 to 15 |
| Background Current | 10% to 100% |
| Pulse Frequency (Hz) | 0.2 to 200 |
| Pulse Width | 1% to 99% (0.2 to 9.9Hz), 1% to 90% (10 to 200Hz) |
| Spot Welding Time (s) | 0.1 to 10 |
| Duty Cycle | 40% |
| Efficiency | 85% |
| Insulation Grade | F |
| Enclosure Protection | IP21S |
| Dimensions L x W x H (mm) | 165 x 418 x 276 |

| | |
|---|---|
| AC / DC | ● |
| Pulse | ● |
| 2T / 4T | ● |
| Spot Welding | ● |
| HF TIG | ● |
| MMA with VRD | ● |
| Remote / Foot Pedal Control | ● |