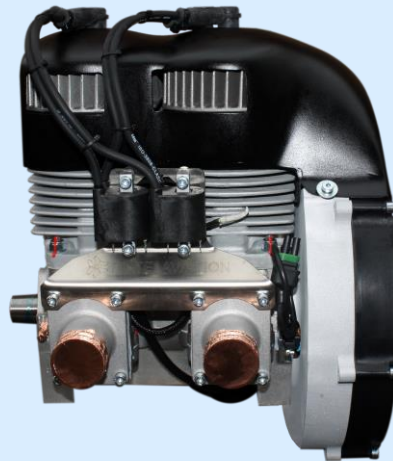


# Anhui Fiate Aviation Co., Ltd. Compact Radial Engines Inc.

## MZ202



The MZ202 is a fan air cooled, reed valve controlled 2-cylinder-inline-2-stroke engine with two carburetors and Nikasil coated cylinders. It has one of the highest power to weight ratio available on the 63 HP engine market. The ignition system is fully electronic for maximum reliability and minimum maintenance. The powerful 180 Watt alternator provides ample power for all requirements. The MZ202 weighs a mere 34 kg (including electric starter, carburetors, fuel pump, cooling system, exhaust system). All models are supplied complete with electric starter, wiring harness and exhaust system. Ideally suited for Ultralights, hovercrafts, gyrocopters, light experimental aircrafts and all applications where weight is an issue.

### Technical Data (Subject to changes)

|                           |   |
|---------------------------|---|
| <b>Type:</b>              | Two cylinder two stroke (inline)                |
| <b>Displacement:</b>      | 626 cm <sup>3</sup> (38.2cu in)                 |
| <b>Stroke:</b>            | 69 mm (2.72 in)                                 |
| <b>Bore:</b>              | 76 mm (2.99 in)                                 |
| <b>Max. performance:</b>  | 46.3 kw (63HP) at 6250 rpm                      |
| <b>Max. torque:</b>       | 84 Nm (61.9 ft.lb) at 5200 rpm                  |
| <b>Carburation:</b>       | 2 Bing54 carburetors                            |
| <b>Ignition System:</b>   | Dual ignition, CDI programmable                 |
| <b>Generator power:</b>   | 180W, 13.8 V                                    |
| <b>Cooling:</b>           | Fan cooling                                     |
| <b>Weight:</b>            | 34 kg (74.96lb)                                 |
| <b>Starting device:</b>   | Electric starter                                |
| <b>Running direction:</b> | Counter-clockwise, view to output shaft         |
| <b>Fuel mixture:</b>      | Mixture 1:50, 2-stroke-oil, fuel min. 95# (RON) |

### Options

- Gear box R22 with clutch  
(2.55:1, 2.88:1, 3.11:1, 3.66:1)

