SALIENT CHARACTERISTICS

1. Engine & Performance

Engine Displacement: 250cc - 300cc

Engine Type: 4-stroke, liquid-cooled, single-cylinder or parallel-twin

Fuel System: Electronic Fuel Injection (EFI)

Transmission: 6-speed manual

2. Chassis & Suspension

Frame Type: Lightweight tubular steel or aluminum frame

Front Suspension: Telescopic fork or inverted fork (30mm-37mm)

Rear Suspension: Mono-shock with preload adjustability for rider weight adjustments

3. Braking System

Front Brake: Single disc (250mm-310mm) with ABS option

Rear Brake: Single disc (200mm-240mm) with ABS option

4. Dimensions & Ergonomics

Seat Height: 28-32 inches

Weight: 300-375 lbs

Handlebar Position: Neutral, slightly raised for an upright and comfortable riding position

Footpeg Position: Standard, slightly rear set but not aggressive, to balance control and comfort

5. Tires & Wheels

Front Wheel: 17-inch with standard street tire (110/70-17 recommended)

Rear Wheel: 17-inch with standard street tire (140/70-17 recommended)

Tire Type: Tubeless, sport-oriented but durable for training use

6. Electrical & Instrumentation

Starter: Electric starter

Instrumentation: Digital or analog-digital mix with speedometer (mph), tachometer, fuel gauge, and gear indicator

Lighting: LED headlight and taillight

7. Additional Considerations

Crash Protection: Frame sliders or engine guards recommended

Fuel Capacity: 3-4 gallons

Easy Maintenance: Simple chain drive system and accessible service points for quick maintenance

Street legal.