

MODEL YEAR 2022 |

FORTY-EIGHT™

| Dimensions | XL 1200X Forty-Eight® | Notes |
|--|---|-------|
| Length | 85.2 in. (2,165 mm) | |
| Overall Width | 32.9 in. (835 mm) | |
| Overall Height | 43.3 in. (1,100 mm) | |
| Seat Height, Laden | 26.2 in. (665 mm) | 2 |
| Seat Height, Laden (Low seat position) | | |
| Seat Height, Laden (High seat position) | | |
| Seat Height, Laden (Low seat position with optional ARH suspension) | | |
| Seat Height, Laden (High seat position with optional ARH suspension) | | |
| Seat Height, Unladen | 28 in. (710 mm) | |
| Seat Height, Unladen (Low seat position) | | |
| Seat Height, Unladen (High seat position) | | |
| Seat Height, Unladen (Low seat position with optional ARH suspension) | | |
| Seat Height, Unladen (High seat position with optional ARH suspension) | | |
| Static Ground Clearance | 4.3 in. (110 mm) | |
| Dynamic Ground Clearance (with optional suspension) | | |
| Rake (steering head) (deg) | 30.2 | |
| Fork Angle (deg) | 28.7 | |
| Trail | 5.3 in. (135 mm) | |
| Wheelbase | 58.9 in. (1,495 mm) | |
| Tires, Type | Michelin® Scorcher® "31" front and rear | |
| Tires, Front Model | Scorcher® "31" | |

| | | |
|---|--------------------|--|
| Tires, Front Specification | 130/90B16 73H | |
| Tires, Rear Model | Scorcher® "31" | |
| Tires, Rear Specification | 150/80B16 77H | |
| Fuel Capacity | 2.1 gal. (7.9 l) | |
| Reserve Fuel Capacity, Fuel Injection (warning light) | 0.65 gal. (2.5 l) | |
| Oil Capacity (w/filter) | 2.8 qt. (2.6 l) | |
| Transmission Capacity | 1 qt. (1 l) | |
| Primary Chain Case Capacity | N/A | |
| Coolant Capacity | N/A | |
| Weight, As Shipped | 545 lb. (247 kg) | |
| Weight, In Running Order | 556 lb. (252 kg) | |
| Gross Vehicle Weight Rating | 1,000 lb. (454 kg) | |
| Gross Axle Weight Rating, Front | 335 lb. (152 kg) | |
| Gross Axle Weight Rating, Rear | 665 lb. (302 kg) | |
| Luggage Capacity -Volume | N/A | |

| Engine | XL 1200X Forty-Eight® | Notes |
|--------------------|---|--------------|
| Engine | Air-cooled, Evolution® | |
| Valves | Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder | |
| Bore | 3.5 in. (88.9 mm) | |
| Stroke | 3.8 in. (96.8 mm) | |
| Displacement | 73.4 cu in (1,200 cc) | |
| Compression Ratio | 0.417361111 | |
| Fuel System | Electronic Sequential Port Fuel Injection (ESPFI) | 3 |
| Air Cleaner | Paper cartridge type | |
| Exhaust | Black, staggered exhaust with slash-cut mufflers | |
| Lubrication System | Dry-sump | |

| Drivetrain | XL 1200X Forty-Eight® | Notes |
|-------------------|------------------------------|--------------|
| Primary Drive | Chain, 38/57 ratio | |
| Final Drive | Belt, 29/68 ratio | |

| | | |
|---------------------------|------------------|--|
| Clutch | Multi-plate, wet | |
| Transmission | 5-speed | |
| Gear Ratios (overall) 1st | 9.315 | |
| Gear Ratios (overall) 2nd | 6.653 | |
| Gear Ratios (overall) 3rd | 4.948 | |
| Gear Ratios (overall) 4th | 4.102 | |
| Gear Ratios (overall) 5th | 3.517 | |
| Gear Ratios (overall) 6th | N/A | |

| Chassis | XL 1200X Forty-Eight® | Notes |
|-------------------------------|--|--------------|
| Frame | Mild steel, tubular frame; circular sections; cast junctions | |
| Swingarm | Mild steel, rectangular tube section, stamped junctions; MIG welded | |
| Front Fork | 49 mm fork set, free valve right hand and cartridge style left hand | |
| Front Fork, Optional | | |
| Rear Shocks | Variable rate spring over 36mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment | |
| Rear Shocks, Optional | | |
| Wheels, Optional Style Type | N/A | 4 |
| Wheels, Front Type | Black, Split 9-Spoke Cast Aluminum w/ Machined Highlights | 4 |
| Wheels, Front Width | 3 in. (76 mm) | |
| Wheels, Front Height | 16 in. (406 mm) | |
| Wheels, Rear Type | Black, Split 9-Spoke Cast Aluminum w/ Machined Highlights | 4 |
| Wheels, Rear Width | 3 in. (76 mm) | |
| Wheels, Rear Height | 16 in. (406 mm) | |
| Brakes, Caliper Type | Dual-piston front, Dual-piston rear | |
| Brakes, Rotor Type | Front floating, Rear uniform expansion rotor | |
| Brakes, Front Diameter | 11.8 in. (300 mm) | |
| Brakes, Front Thickness | 0.2 in. (5 mm) | |
| Brakes, Front is dual | No | |
| Brakes, Rear Diameter | 10.24 in. (260 mm) | |
| Brakes, Rear Thickness | 0.28 in. (7.1 mm) | |
| Front brake lever free travel | N/A | |

| | | |
|--|-----------------|--|
| Rear brake pedal free travel | N/A | |
| Brakes, Anti-Lock Braking System (ABS) | Optional | |
| Suspension Travel, Front | 3.6 in. (91 mm) | |
| Suspension Travel, Rear | 1.6 in. (41 mm) | |

| Performance | XL 1200X Forty-Eight® | Notes |
|--|------------------------------|--------------|
| Engine Torque Testing Method | J1349 | |
| Engine Torque | 73 ft-lb (99 Nm) | 5 |
| Engine Torque (rpm) | 3,500 | |
| Power (Hp/kW) | 66 HP / 49 kW @ 5500 rpm | |
| Lean Angle Testing Method | J1168 | |
| Lean Angle, Right (deg.) | 27 | |
| Lean Angle, Left (deg.) | 27 | |
| Maximum hill-starting ability | N/A | |
| Fuel Economy Testing Method | Estimated City/Hwy | |
| Fuel Economy | 48 mpg (4.9 l/100 km) | 6 |
| CO ² Emissions Testing Method | N/A | |
| CO ² Emissions | N/A | |

| Electric | XL 1200X Forty-Eight® | Notes |
|---|---|--------------|
| Battery | Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca (per Battery Council International Rating) | |
| Charging | Single-phase, 30-amp system (357W @ 13.5V, 2000 rpm, 405W max power @ 13.5V) | |
| Starting | 1.2 kW electric with solenoid shift starter motor engagement | |
| Lights (as per country regulation), Headlamp | Quartz Halogen, 55-watt low beam, 60-watt high beam | |
| Lights (as per country regulation), Tail/Stop | Incandescent | |
| Lights (as per country regulation), Front Signal Lights | Incandescent bullet turn signals | |
| Lights, Rear Turn Signals | Incandescent bullet turn signals | |
| Gauges | Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights | |

| | | |
|-----------------------|-----|--|
| Auxiliary Lamps | N/A | |
| Electric Power Outlet | N/A | |
| GPS System | N/A | |
| Reverse Gear | N/A | |

| Warranty And Service | XL 1200X Forty-Eight® | Notes |
|----------------------|---|-------|
| Warranty | 24 months (unlimited mileage) | 7 |
| Service Interval | First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter | 8 |

Notes

1. Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and prices listed may differ from specifications and prices of vehicles manufactured and delivered. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to prices and specifications, and may change or discontinue models, without notice and without incurring any obligation. Attention: Vehicles in the configurations shown and many of the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information. All models feature 6-speed transmission (VRSC™ models and Sportster® models are 5-speed) and carbon fiber belt final drive; multi-plate clutch with diaphragm spring in oil bath; and 2-year unlimited mileage warranty.
2. Measurement reflects 180 lb. (81.7 kg) operator weight.
3. Recommended 91 octane or higher fuel (R+M)/2.
4. Standard and optional wheels may vary by country and region.
5. Values shown are nominal. Performance may vary by country and region.
6. The combined fuel economy numbers were derived using a combination of estimated city and highway values. Fuel economy estimates are derived from US EPA exhaust emission certification data on a sample motorcycle from the corresponding family under ideal laboratory conditions. Your actual fuel economy will vary depending on your personal riding habits, road and driving conditions, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight). Break-in mileage may vary.
7. See motorcycle owner's manual for complete details.
8. Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.

©2022 H-D or its affiliates. HARLEY-DAVIDSON, HARLEY, H-D, and the Bar and Shield Logo are among the trademarks of H-D U.S.A., LLC. Third-party trademarks are the property of their respective owners.