

2020 Harley-Davidson LiveWire™ MODEL SPECIFICATIONS

Dimensions	
Length	84.1 in. (2,135 mm)
Overall Width	32.7 in. (830 mm)
Overall Height	42.5 in. (1,080 mm)
Seat Height, Laden / Unladen	30 in. (761 mm) / 30.7 in. (780 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	24.5 deg
Trail	4.3 in. (108 mm)
Wheelbase	58.7 in. (1,490 mm)
Tires, Type	Michelin® Scorcher® "Sport"
Tires	Scorcher® "Sport"
Tires, Front Specification	120/70 ZR17 58W
Tires, Rear Specification	180/55 ZR17 73W
Transmission Capacity	0.34 qt (0.32 L)
Coolant Capacity	0.8 qt. (0.72 L)
Weight, As Shipped	549 lb. (249 kg)
Weight, In Running Order	549 lb. (249 kg)
Gross Vehicle Weight Rating	949 lb. (430 kg)
Gross Axle Weight Rating, Front	434 lb. (197 kg)
Gross Axle Weight Rating, Rear	580 lb. (263 kg)
Drivetrain	
Primary Drive (*Cert)	Spiral bevel gear , 55/17 ratio
Final Drive (*Cert)	Belt, 3/1 ratio
Transmission	Single Speed
Gear Ratios (overall) 1st (*Cert) (X.XXX)	9.71
Chassis	
Frame	Aluminum cast
Swingarm	Aluminum cast
Front Fork	SHOWA® 43 mm Inverted Separate Function Forks - Big Piston (SFF-BP®), fully adjustable
Rear Shocks	SHOWA® Balance Free Rear Cushion Lite (BFRC-lite®), fully adjustable
Wheels, Type	Black, Split 5-Spoke Cast Aluminum
Wheels, Front Dia. / Width	17 in. (432 mm) / 3.5 in. (89 mm)
Wheels, Rear Dia. / Width	17 in. (432 mm) / 5.5 in. (140 mm)
Brakes, Caliper Type	Dual 4-piston monoblock radial mount front, dual-piston rear
Brakes, Rotor Type	Dual floating rotors (front), floating rotor (rear)
Brakes, Front Diameter / Thickness	11.8 in. (300 mm) / 0.2 in. (5 mm)
Brakes, Rear Diameter / Thickness	10.2 in. (260 mm) / 0.2 in. (5 mm)
Brakes, Anti-Lock Braking System (ABS)	Standard
Suspension Travel, Front / Rear	4.5 in. (115 mm) / 4.5 in. (115 mm)
Performance	
Lean Angle Testing Method	J1168
Lean Angle, Right / Left (deg)	45 / 45
Electric	
Battery	Lithium Ion, 12.8V , 24 Wh, 120 A

Charging	Onboard DC to DC conversion
Lights (as per country regulation), Headlamp	All LED, low beam, high beam and signature position lamp
Lights (as per country regulation), Tail/Stop	LED with light pipe tail
Lights (as per country regulation), Front Signal Lights	LED
Lights (as per country regulation), Indicator Lamps	High beam, turn signals, ABS, traction control, EV fault
Lights, Rear Turn Signals	LED, Amber
Gauges	4.3" WQVGA 480×272 TFT Color Display with Ambient Light Sensor, 9 warning lights, Real Time Clock and Integrated Bluetooth Connectivity to a Smartphone to provide infotainment features including turn-by-turn navigation, telephone, music, and voice recognition.
Electric Power Outlet	USB C-type; output 5V at 3A
EV Specific Content: Motor	
Torque	86 ft-lb
RPM max	15000
Type	Internal Permanent Magnet Synchronous Motor with Water Jacket cooling
Motor Name	Revelation®
Inverter type	IGBT
Pole Count	6
Power (hp/kW)	105 HP (78kW)
Diameter	6.69 in. (170 mm)
Stack Length	3.94 in. (100 mm)
EV Specific Content: RESS	
Type	Lithium Ion
Capacity	15.5kWh total, 13.6kWh min usable
EV Specific Content: Charging	
Charge Plug Type	SAE J1772 Combo Inlet (CCS1) / IEC 62196 Combo Inlet (CCS2)
On-board charger, charge rate	1400 W
AC wall charging time (not verified)	Target - Full charge in 12.5 hrs - Capable of 12.6 miles/hour charge rate (MIC city cycle)
DC fast charging time (not verified)	Target - Full charge in 1.0 hr - Capable of 192 miles/hour charge rate (MIC city cycle)
DC to DC conversion	450W at 14.2V
EV Specific Content: Range	
MIC City	146 mi (235 km)
Highway (70 mph sustained)	70 mi (113 km)
Combined	95 mi (152 km)
WMTC (World Motorcycle Test Cycle)	98 mi (158 km)
Infotainment	
Hands-free Mobile Phone - via Bluetooth	Standard
Voice Recognition Languages: Phone functions only	Via paired iOS or Android device

Voice Recognition Languages: Tuner/Media/Navigation	Via paired iOS or Android device
USB	USB Type-C
Bluetooth	Phone/media supported
Telematics	Standard