

# ZERO S

Developed to aggressively take on urban environments and encourage the occasional detour, the Zero S integrates revolutionary technology with innovative motorcycle design. Using Zero Motorcycles' proprietary Z-Force™ power pack and aircraft grade alloy frame, the Zero S features an industry leading power-to-weight ratio that increases its range and maneuverability.

Instant acceleration and a lightweight design enable the Zero S to take on any city street, hill or obstacle. Whether accelerating onto the highway or out of the turns, the Zero S is designed for performance.

The Zero S is a high performance supermoto motorcycle that is revolutionary because it is fully electric. Imagine instant torque and power from a standstill. Imagine smooth acceleration as you race out of turns. Then, imagine never needing to stop at the gas station.



## ZERO S TECHNICAL SPECIFICATIONS

### MOTOR

Type	Brushed permanent magnet electric
Top Speed	67 mph (105 kph)

### POWER SYSTEM

Type	Patent-pending lithium ion array
Capacity	4 kWh (58 volts @ 70Ah)
Range	Up to 50 miles (80 km)*
Recharge Time	Less than 4 hours
Input	Standard 110V or 220V

### DRIVE TRAIN

Transmission	Clutchless One Speed
Drive System	16T / 53T, 420 Chain

### CHASSIS/SUSPENSION/BRAKES

Front Suspension Travel	8 inches (203.2 mm)
Rear suspension travel	8 inches (203.2 mm)
Front brakes	2 Piston hydraulic, stainless rotor, hand actuated
Rear brakes	1 Piston hydraulic, stainless rotor, foot actuated
Front tire	110/70-16
Rear tire	140/70-16

### DIMENSIONS

Wheel base	56.8 inches (144.3 cm)
Seat height (standard)	34 inches (86.4 cm)
Low seat height (option)	32 inches (81.3 cm)
Rake	22 degrees
Trail	3.26 inches (82.8 mm)
Steering angle	+ 35 Degrees, -35 Degrees

### WEIGHT

Frame	18 pounds (8.16 kg)
Power pack	95 pounds (43.1 kg)
Curb weight	273 pounds (123.8 kg)
GVRW	575 pounds (260.8 kg)
Carrying capacity	302 pounds (136.0 kg)

### ECONOMY

Operating Cost	Less than \$.01 per mile (or kilometer)
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