

# ZERO DS

Bypass the ordinary. Blast down a gravel road or a dusty trail. When you're ready, silently pass from the sublime to the civilized as you arrive at your destination. The Zero DS is tough when you demand it and distinguished when required. Its edgy, yet sophisticated, appearance is highlighted by an eye catching twin spar frame that is both rigid and lightweight.

Powered by the most advanced drive train in the industry, the Zero DS is a fully electric motorcycle that can handle any surface you can throw at it. Navigating obstacles and maintaining control is achieved using a specially developed suspension system and a rugged wheel set. During technical maneuvers an optimized direct drive gear system delivers astonishing responsiveness with the twist of your wrist.

The Zero DS combines innovation with passion to deliver the world's most versatile electric motorcycle.

Designed to be agile in the dirt and quick on the street, the Zero DS represents a new kind of freedom.



## ZERO DS 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 9 inches (228.6 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 3.25-17  
Rear tire 110/90-16  
Front wheel 17 x 2.15  
Rear wheel 16 x 3.0

### WEIGHT

Frame 18 pounds (8.16 kg)  
Power pack 95 pounds (43.1 kg)  
Curb weight 277 pounds (125.6 kg)  
GVRW 575 pounds (260.8 kg)  
Carrying capacity 297 pounds (134.7 kg)

### DIMENSIONS

Wheel base 57.8 inches (146.8 cm)  
Seat height (standard) 35 inches (88.9 cm)  
Low seat height (option) 33 inches (83.8 cm)  
Rake 24 degrees  
Trail 3.26 inches (82.8 mm)  
Steering angle +35 Degrees, -35 Degrees

### ECONOMY

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



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