

2011 LINCOLN MKZ HYBRID TECHNICAL SPECIFICATIONS

BODY	
Construction	Unitized welded steel body
Final Assembly Location	Hermosillo Stamping and Assembly Plant, Mexico
POWERTRAIN AND CHASSIS	
Total Horsepower	191 NET
GASOLINE ENGINE	
Type	Duratec® 2.5-liter DOHC 16-valve Atkinson Cycle
Configuration	Aluminum block and aluminum heads
Valvetrain	DOHC, 4 valves per cylinder
Bore x stroke	3.5 x 3.94 in.
Displacement	152 cu. in. / 2.5 liters (2488 cc)
Compression ratio	12.3:1
Horsepower	156 hp @ 6,000 rpm
Torque	135 ft.-lb. @ 2,250 rpm
Recommended fuel	87 octane unleaded
Fuel capacity	17.5 gallons
Fuel Injection	Sequential multi-port electronic
Oil Capacity	5 quarts with filter
Coolant Capacity	8.5 quarts (gas) and 3.7 quarts (electric)
ELECTRIC MOTOR	
Type	Permanent magnet AC synchronous motor
Power	106 hp @ 6,500 rpm
Voltage	275V maximum
Transmission	Electronically Controlled Continuously Variable Transmission (eCVT)
HIGH VOLTAGE BATTERY	
Type	Nickel-Metal Hydride
Nominal Voltage	275V
Power	35 hp (26 kW)
Capacity	5.5 Ah-hrs
DRIVETRAIN	
Layout	Front-wheel drive
SUSPENSION	
Front	Independent short- and long-arm (SLA) with rearward-facing lower control arms; stabilizer bar
Rear	Multi-link fully independent with twist blade lower control arms; stabilizer bar
STEERING	
Type	Power rack and pinion
Steering column	Manual tilt and telescope
Ratio	16.0:1
Turns lock-to-lock	2.8
Turning circle curb-to-curb	37.5 ft.

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BRAKES	
Type	Four-wheel power disc brakes with anti-lock braking system (ABS) and Integrated Regenerative Braking, AdvanceTrac Electronic Stability Control (ESC)
WHEELS AND TIRES	
Standard	17-inch aluminum, P225/50R17
DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	107.4
Length	189.8
Height	56.9
Width (Excluding Mirrors)	72.2
Front Track	61.3
Rear Track	61.0
INTERIOR	
Seating capacity	5 passenger
Front Headroom	38.7
Rear Headroom	37.8
Front Legroom	42.3
Rear Legroom	36.7
Front Hip room	54.0
Rear Hip room	53.5
Front Shoulder room	57.2
Rear Shoulder room	55.8
Trunk Volume (cu. ft.)	11.8
BASE CURB WEIGHT (pounds)	
eCVT	3752
FUEL ECONOMY (city/hwy)	
FWD	Projected 41/36
<i>*Specifications subject to change.</i>	