2010 Fusion 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 @ 6000 rpm
Torque	136 ft-lb @ 2250 rpm
Recommended fuel	87 octane unleaded
Fuel capacity	17 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)
DRIVETRAIN	
Layout	Front-wheel drive
SUSPENSION	
Front	Independent short and long arm (SLA) stabilizer bar
Rear	Multi-link fully independent with twist blade lower control arms stabilizer bar
STEERING	
Type	Low friction rack and pinion with power assist
Ratio	16.0:1
Turning circle curb-to-curb	37.5 ft.
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	190.6
Height	56.9
Width (Excluding Mirrors)	72.2
Width (Including Mirrors)	80.1
Front Track	61.7
Rear Track	61.3
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	53.3
Front Shoulder room	57.4
Rear Shoulder room	56.5
Passenger Volume (cu. ft.)	99.8
Trunk Volume (cu. ft.)	11.8
BASE CURB WEIGHT (pounds)	
eCVT	3720
FUEL ECONOMY (city/hwy)	
FWD	41/36
WARRANTY INFORMATION	
Warranty	3-year, 36,000-mile bumper-to-bumper 5-year, 60,000-mile powertrain Hybrid specific components are covered by a warranty of 8-years or 100,000 miles

**Specifications subject to change.*