2010 Escape Hybrid Technical Specifications

BODY	
Construction	Unitized welded steel body
Final Assembly Location	KCAP
POWERTRAIN AND CHASSIS	
Total Horsepower	177 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	3.50 x 3.94 in.
Displacement	155 cu. in. / 2.5 liters (2,488 cc)
Compression ratio	12.3:1
Horsepower	155 @ 6,000 rpm
Horsepower per liter	62
Torque	136 ft.-lb. @ 4,500 rpm
Recommended fuel	87 octane unleaded
Fuel capacity	15.1 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	94 hp @ 5,000 rpm
Voltage	330V maximum
Transmission	Electronically Controlled Continuously Variable Transmission (eCVT)
DRIVETRAIN	
Layout	Front-wheel drive / Intelligent 4WD System
SUSPENSION	
Front	Independent, MacPherson struts, coil springs and stabilizer bar
Rear	Independent with lateral links, trailing arm design and rear stabilizer bar
STEERING	
Type	Rack and pinion with electric power assist
Ratio	17.5:1
Turning circle curb-to-curb	36.7 ft. (16 in. wheel)
BRAKES	
Type	Four-wheel power brakes with standard 4-sensor, 4-channel Anti-lock Braking System (ABS) and Integrated Regenerative Braking

Specifications subject to change.

Front	11.9-inch vented disc
Rear	10-inch drum
WHEELS AND TIRES	
Base	16-inch aluminum,P235/70R16
Largest	16-inch aluminum,P235/70R16
DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	103.1
Length	174.7
Width (Excluding Mirrors) (Including Mirrors) (Mirrors Folded)	 71.1 81.3 77.9
Height (without options)	67.7 (4x2, 4x4)
Track, front/rear	60.7/60.2
Minimum Ground Clearance	8.3
INTERIOR	
Seating capacity	5 passenger
Headroom	
Front row	40.4
Second row	39.2
Legroom	
Front row	41.6
Second row	35.6
Shoulder room	
Front row	56.6
Second row	55.9
Hip room	
Front row	53.3
Second row	49.1
WEIGHTS AND CAPACITIES (pounds unless otherwise noted)	
Cargo Volume	
Behind first row Behind second row	66.4 30.9
Maximum towing capacity (properly equipped)	1,000
Base curb weight	3,669 lbs. - FWD 3,829 lbs. - 4WD
FUEL ECONOMY (city/hwy)	
FWD	34/31
4WD	N/A
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