



## 2010 Prius Product Information

PRELIMINARY INFORMATION

<b>HYBRID POWER SYSTEM</b>	
Hybrid System Net Horsepower	134 horsepower
<b>ENGINE</b>	
Type, Materials	2ZR-FXE (Atkinson cycle) 4-cylinder aluminum block and head, double overhead cam (DOHC) 16-valve VVT-i
Valvetrain	4-valve/cylinder with VVT-i
Displacement	1,798 cc
Bore x Stroke	3.17 x 3.48 in.
Expansion Ratio	13.0:1
Horsepower (SAE Net)	98 horsepower @ 5,200 rpm
Torque	105 lb-ft @ 4,000 rpm
Recommended Fuel	87-octane unleaded
Emission Certification	SULEV (with AT-PZEV) Tier 2 Bin 3
EPA Estimated Fuel Economy* (city/highway/combined MPG)	51/48/50
<b>MOTOR GENERATOR TWO</b>	
Function	Drives front wheels, regeneration during braking
Type	Permanent Magnet Synchronous Motor
Max Voltage	DC650V
Electric Motor Power Output	80 hp/60 kW
Torque	153 lb.-ft.
<b>HYBRID BATTERY PACK</b>	
Type	Nickel-Metal Hydride
Nominal Voltage	DC201.6V (168 x 1.2V cells )
Capacity	6.5 ampere hour
Battery Peak Horsepower Rating	36 hp/27kw
System Voltage	650 volts maximum

\* 2010 EPA MPG estimate. Actual mileage will vary.

<b>DRIVETRAIN</b>	
Transmission Type	Electronically controlled continuously variable transmission (ECVT)

## PRELIMINARY INFORMATION

<b>CHASSIS AND BODY</b>		
Suspension	- Front	Independent MacPherson strut suspension with stabilizer bar
	- Rear	Torsion beam
Steering	- Type	Electric power-assisted rack-and-pinion
	- Turning radius	17.1 ft. (15-inch tires)                      18.0 ft (17-inch tires)
Brakes	- Front	Ventilated front disc (hydraulic with power assist) with standard Anti-Lock Brake (ABS) system and integrated regenerative brake system
	- Front Diameter	10.0 in. rotor
	- Rear	Solid disc (hydraulic with power assist) with standard Anti-lock Brake System (ABS)
	- Rear Diameter	10.2 in. rotor
	- Parking	Pedal brake
Anti-lock Brake System (ABS)		Standard
Wheel Size		6J x 15 in. 7J x 17 in. (available)
Wheel Type and Material		5-spoke aluminum alloy
Tire Size		P195/65 R15 P215/45 R17 (available)
Tire Type		All-season
Spare Tire/Wheel		Temporary

<b>EXTERIOR DIMENSIONS</b>		
Overall Length		175.6 in.
Overall Width		68.7 in.
Overall Height		58.7 in. (with 15-inch and 17-inch tires)
Wheelbase		106.3 in.
Tread Width (Front/Rear)		60.0/59.8 in. (15-inch tires)                      59.6/59.4 in. (17-inch tires)
Front Overhang		35.6 in.
Rear Overhang		33.7 in
Ground Clearance		5.5 in.
Coefficient of Drag		0.25

**INTERIOR DIMENSIONS**

Seating Capacity	5
Headroom (Front/Rear)	38.6/37.6 in.
Legroom (Front/Rear)	42.5/36.0 in.
Shoulder Room (Front/Rear)	54.9/53.1 in.
Hip Room (Front/Rear)	52.7/51.2 in.
EPA Passenger Volume	93.7 cu. ft.
EPA Cargo Volume	21.6 cu. ft.

**WEIGHTS AND CAPACITIES**

Curb Weight	3,042 lbs.
Fuel Capacity	11.9 gal.

**STANDARD EXTERIOR FEATURES**

- P195/65 R15 all-season tires on 15-inch aluminum alloy wheels
- Color-keyed foldable power heated side mirrors
- Driver door Smart Key entry system with push button start and remote illuminated entry
- Aerodynamic multi-reflector projector-beam headlamps with auto-off
- Rear window electric defogger with timer and intermittent wiper
- Aerodynamic rear deck spoiler
- Roof-mounted XM Satellite<sup>®</sup> radio antenna and wiring harness
- High Solar Energy Absorbing (HSEA) glass
- Washer-linked variable intermittent windshield wipers

**STANDARD INTERIOR FEATURES**

- Tilt/telescopic adjustable steering wheel with audio and HVAC controls with Touch Tracer Display
- Multi-information Display with energy monitor, fuel consumption history, hybrid system indicator and odometer with twin tripmeters.
- Central instrument display with digital speedometer, instant fuel consumption, fuel gauge, shift-lever indicator.
- Air conditioning with electric A/C compressor
- Eco, EV and Power mode
- Auto up/down on all windows
- Push button start
- Cruise control
- Driver's seat with vertical adjustment
- Dual sunvisors with driver and front passenger vanity mirrors
- 60/40 split rear seat
- Power door locks
- Seatback pockets
- 12v power outlets (2)
- Tonneau cover

**STANDARD AUDIO SYSTEM**

- AM/FM/single-CD with MP3/WMA playback capability, auxiliary audio mini-jack, six speakers and satellite capability

**STANDARD SAFETY AND SECURITY**

- Driver and front passenger advanced airbags, driver and front passenger seat-mounted side airbags, driver knee airbag and front and rear seat side curtain airbags
- Side-impact door beams
- Front and rear energy-absorbing crumple zones
- Three-point front seatbelts with pretensioners and force limiters, ALR/ELR retractors on all passenger seatbelts, three-point seatbelts in all five seating positions
- Star Safety System: Regenerative Anti-Lock Brakes (ABS) with Brake Assist (BA), and Electronic Brake-force Distribution (EBD) Vehicle Stability Control (VSC) and Traction control (TRAC)
- Active headrests
- Child protector rear door locks
- Adjustable front seatbelt shoulder anchors
- Hill-start Assist Control (HAC)
- Engine immobilizer

**FACTORY OPTIONS**

- Navigation Package (available in model 1225, 1227 and 1229) – Voice-activated touch-screen DVD navigation system with JBL AM/FM/four-CD changer with integrated XM satellite radio, MP3/WMA playback capability, hands-free phone capability via Bluetooth<sup>®</sup> wireless technology, eight speakers, backup camera
- Solar roof Package (available in model 1225 and 1227) – includes all contents in the Navigation Package, a powered tilt/slide moonroof with solar powered ventilation system and remote air-conditioning system
- Advance Technology Package (available in model 1229) – includes all contents in the Navigation Package; Pre-Collision System, Dynamic Radar Cruise Control, Lane Keep Assist (LKA) and Intelligent Park Assist (IPA)

**PRIUS BUILDS**

- Prius Model 1223
- Prius Model 1225 – JBL AM/FM/CD changer with integrated XM satellite radio, MP3/WMA playback capability, hands-free phone capability via Bluetooth<sup>®</sup> wireless technology and eight speakers
- Prius Model 1227 - JBL AM/FM/CD changer with integrated XM satellite radio, MP3/WMA playback capability, hands-free phone capability via Bluetooth<sup>®</sup> wireless technology and eight speakers; three-door Smart Key system; leather-trimmed interior; heated front seats with driver lumbar support; step lamp; illuminated entry; driver and front passenger water repellent windows; upgraded front and center pillar trim; plasma cluster; auto dimming mirror and HomeLink<sup>®</sup>
- Prius Model 1229 - JBL AM/FM/CD changer with integrated XM satellite radio, MP3/WMA playback capability, hands-free phone capability via Bluetooth<sup>®</sup> wireless technology and eight speakers; three-door Smart Key system; leather-trimmed interior; heated front seats with driver lumbar support; step lamp; illuminated entry; driver and front passenger water repellent window; upgraded front and center pillar trim; plasma cluster; auto dimming mirror; HomeLink<sup>®</sup>; 17-inch alloy wheels; LED headlamps with auto leveling and washers and foglamps.

**AVAILABLE EXTERIOR COLORS**

- Blizzard Pearl
- Sandy Beach Metallic
- Blue Ribbon Metallic
- Winter Gray Metallic
- Classic Silver Metallic
- Barcelona Red Metallic
- Black

**BASIC LIMITED WARRANTY COVERAGE**

- 3-year/36,000-mile Comprehensive
- 5-year/60,000-mile Powertrain
- 5-year/unlimited-mileage Corrosion Perforation
- 8-year/100,000-mile Hybrid-related Component Coverage
- 15-year/150,000-mile Hybrid-related Component Coverage (applicable states are: CA, MA, NY, NJ, VT, CT, ME, NM and RI) with the exception of the hybrid battery. The hybrid battery is warranted for 10 years/150,000 miles.

**PERFORMANCE**

- Acceleration 0-60 mph: 9.8 seconds
- Top speed: 112 mph (+9 mph vs. current generation)