

2014 PORSCHE PANAMERA S HYBRID TECHNICAL INFO

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2014 PORSCHE PANAMERA S E-HYBRID – VEHICLE SPEC SHEET

1. Identification & General Information

Model: Panamera S E-Hybrid (970.2 facelift)
Model Variant: 970.820
MFR Model Code: 970130
Body Style: 4-door hatchback (4-passenger)
Drivetrain: Rear-wheel drive
EPA Class / Segment: Large luxury car
Country of Manufacture: Germany – Porsche (Leipzig plant)
Market Certification: U.S. (FMVSS label present)
Passenger Capacity: 4
Base Curb Weight: 4,619 lb
Original MSRP: \$99,000 (plus \$995 destination)

2. Powertrain & Hybrid System

Engine: 3.0L V6 24V DFI, intercooled supercharged (Gasoline Direct Injection)
Displacement: 2,995 cc (3.0 L)
Block / Head Material: Aluminum alloy / DOHC, 4 valves per cylinder
Compression Ratio: 10.0 : 1
Engine Output (ICE only): 333 hp @ 5,500 rpm / 325 lb-ft @ 3,000 rpm
Electric Motor: 70 kW (95 hp) synchronous motor
System Combined Output: 416 hp / 435 lb-ft
Fuel Type: Gasoline (gas/electric hybrid)
Fuel System: Gasoline Direct Injection (DFI)
Induction: Belt-driven supercharger with twin intercoolers
Hybrid Traction Battery: Lithium-ion, approx. 9–9.4 kWh gross
Onboard Charger: 3.6 kW
Estimated EV Range: 16 miles (EPA estimate)
12 V Battery: 75 Ah maintenance-free
Fuel Tank Capacity: 21.1 gal

3. Transmission & Driveline

Transmission Code: A88
Type: 8-speed automatic (Tiptronic), hybrid configuration
Drive Type: Rear-wheel drive
Axle / Final Drive Ratio: 2.92 : 1
Gear Ratios: 1st: 4.92, 2nd: 2.81, 3rd: 1.84, 4th: 1.43, 5th: 1.21, 6th: 1.00, 7th: 0.83, 8th: 0.69, Reverse: 4.03

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4. Chassis, Suspension & Steering

Front Suspension: Double wishbone

Rear Suspension: Multi-link

Adaptive Suspension: 4-corner auto-leveling air suspension with driver-selectable ride height and damping

Anti-Roll Bars: Front and rear anti-roll bars

Steering Type: Rack-and-pinion

Steering Assist: Electro-hydraulic, speed-sensing power assist

5. Brakes

Brake Type: Regenerative 4-wheel disc with ABS

Front Brakes: Vented discs, 14.2 in rotor diameter

Rear Brakes: Vented discs, 13.0 in rotor diameter

ABS: 4-wheel ABS

Additional Features: Brake energy recuperation, auto stop-start support, hill-hold assist, electric parking brake

6. Wheels & Tires

Front Wheel Sizes: 18 x 8, 19 x 9, or 20 x 9.5 in (depending on option)

Rear Wheel Sizes: 18 x 9, 19 x 10, 20 x 11, or 20 x 11.5 in

Front Tire Sizes: P245/50YR18, P255/45VR19, P255/45YR19, P255/40VR20, P255/40YR20

Rear Tire Sizes: P275/45YR18, P285/40VR19, P285/40YR19, P295/35VR20, P295/35YR20

Wheels: Aluminum, with wheel locks

Tire System: Tire mobility kit (no full-size spare)

7. Fuel Economy & Emissions (Estimates)

Fuel Economy (Gas only, combined): 25 mpg (22 city / 30 highway – est.)

MPGe (Combined): Approx. 50 MPGe (est.)

Estimated CO₂ Emissions: 7.3 tons/year @ 15,000 mi (est.)

8. Safety & Security Equipment

Airbags: Dual-stage front airbags; front side airbags; curtain airbags (1st and 2nd row)

Side Impact Protection: Side impact beams

Seatbelts: Outboard front lap/shoulder belts with height adjusters and pretensioners

Child Protection: Rear child safety locks

Tire Monitoring: Tire-specific low tire pressure warning

Immobilizer / Alarm: Engine immobilizer and perimeter alarm

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9. Dimensions & Capacities

Wheelbase: 115.0 in
Overall Length: 197.4 in
Overall Width (w/o mirrors): 76.0 in
Overall Height: 55.8 in
Front Track: 65.3 in
Rear Track: 65.4 in
Min Ground Clearance: 5.6 in
Front Headroom: 38.0 in
Front Legroom: 41.9 in
Front Shoulder Room: 51.9 in
Rear Headroom: 38.2 in
Rear Legroom: 33.3 in
Rear Shoulder Room: 51.7 in
Cargo Volume (rear seat up): 11.8 ft³
Cargo Volume (rear seat folded): 40.1 ft³
GVWR: 5,688 lb
GAWR Front: 2,668 lb
GAWR Rear: 3,131 lb

10. Interior Features

Seating: 4-passenger configuration, front and rear center armrests with storage
Interior Trim: Piano Black / metal-look accents, leather-wrapped dashboard and door trims, full cloth headliner
Comfort & Convenience: Power front seats, power windows, power locks, cruise control, HomeLink garage door transmitter, trunk/hatch auto-latch, power liftgate, power fuel flap locking, valet function
Climate Control: Automatic HVAC with underseat ducts, residual heat recirculation, headliner/pillar and console ducts, air filtration
Storage & Power Outlets: Illuminated locking glove box with cooled box, driver/passenger and rear door bins, front/rear cupholders, 4 x 12V DC power outlets, 2 seatback storage pockets, ashtray and front/rear cigar lighters
Instrumentation: Driver information center, compass, outside temperature gauge, analog cluster, delayed accessory power
Lighting (Interior): Front and rear map lights, fade-to-off interior lighting, engine compartment and cargo lights, vanity mirrors
Other Interior Features: Carpet floor trim, trunk/hatch auto-latch, refrigerated/cooled glovebox compartment, perimeter alarm

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11. Exterior Features

Body: 4-door hatchback (liftback) with galvanized steel/aluminum panels

Sunroof: Express open/close sliding and tilting glass sunroof with sunshade

Mirrors: Body-colored, power-folding, heated, auto-dimming side mirrors

Glass & Wipers: Light tinted glass, rain-sensing wipers with heated jets, windshield sun visor strip

Spoiler: Power rear spoiler

Lighting (Exterior): LED brake lights, rear fog lamps, perimeter/approach lights, auto on/off projector high-intensity headlamps with daytime running lights, auto-leveling and cornering function, headlamp washers

Bumpers & Trim: Body-colored front and rear bumpers, body-colored door handles, chrome side window trim, black windshield trim

Rear Access: Power liftgate with rear cargo access and fixed rear window with wiper/defroster

12. VIN & Manufacturing Details

VIN: WPOAD2A74EL044881

VIN Breakdown:

WPO = Porsche AG (Germany)

AD2 = Panamera S E-Hybrid

A7 = body/restraint/drive config

4 = check digit

E = 2014 model year

L = Leipzig plant

044881 = sequential production number

Manufacturer: Dr. Ing. h.c. F. Porsche AG

Production Date: April 2014 (04/14)

Vehicle Type: Passenger car

Regulatory: Conforms to U.S. Federal Motor Vehicle Safety, Bumper, and Theft Prevention Standards at time of manufacture