
MEDIA INFORMATION

HYBRID TECHNICAL SPECIFICATION

Gasoline Engine	Q50 Hybrid	Formula One™ Car
Specification	3.5-liter, aluminum-alloy V6, 24-valve, fuel injected, double overhead camshaft with variable valve timing	1.6-liter, aluminum V6, 24-valve, direct fuel injected, turbocharged
Location	Front, rear drive	Mid-mount, rear drive
Power / Torque	302 hp (5000 rpm) 360 hp with hybrid boost 258 lb-ft (350 Nm) (5200rpm)	Approx. 715 hp (10500 rpm) More than 900 hp with boost 285 lb-ft (386 Nm) (10500 rpm)
Total Powertrain Torque	472 lb-ft (640 Nm) 258 lb-ft gasoline / 214 lb-ft electric	Approx. 435 lb-ft (590 Nm) 285 lb-ft gasoline / 150 lb-ft electric

Electric Motor	Q50 Hybrid	Formula One™ Car
Location	50 kW (67 hp) 214 lb-ft (290 Nm)	120 kW (160 hp) Approx. 150 lb-ft (203 Nm) (Regulated. Rotational speed limited to 50,000 rpm)
Power / Torque	50 kW (67 hp) 214 lb-ft (290 Nm)	120 kW (160 hp) Approx. 150 lb-ft (203 Nm) (Regulated. Rotational speed limited to 50,000 rpm)
Energy Boost Duration	Battery never fully depleted	33 secs / lap, near-depletion
Kinetic Energy Recovery	From rear axle	From rear axle



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EMPOWER THE DRIVE

Battery	Q50 Hybrid	Formula One™ Car
Location	Trunk area, behind passenger seats	Mid-ship, below fuel tank, behind driver
Type	Lithium-ion	Lithium-ion
Weight	49 kg	20 – 25 kg
Voltage	346 volts (400 volts max.)	1000 volts (regulated)
Power	50 kW	120 kW

ENDS

About INFINITI:

INFINITI Motor Company Ltd. is headquartered in Hong Kong with sales operations in over 50 countries. The INFINITI brand was launched in 1989. Its range of premium automobiles is currently built in manufacturing facilities in Japan, the United States, United Kingdom and China. INFINITI plans to also expand manufacturing into Mexico by 2017.

INFINITI design studios are located in Atsugi-Shi, near Yokohama, London, San Diego and Beijing. INFINITI is in the middle of a major product offensive. The brand has been widely acclaimed for its iconic design and innovative driver-assistance technologies.

More information about INFINITI and its industry leading technologies can be found at www.INFINITI.com. You can also follow us on Facebook, Twitter, LinkedIn and see all our latest videos on YouTube.



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EMPOWER THE DRIVE