

HYBRID SYSTEM

It is driven mainly by the engine, but uses the motor, which can produce the maximum output to assist the engine when the vehicle accelerates.



eSP Engine achieving both higher environmental performance and greater dynamic performance through use of advanced technology for higher fuel efficiency.



The Idling Stop System (ISS) automatically switches the engine off when you stop, eliminating wasteful fuel consumption.

eSP Engine 150 cc



+



New Honda PCX Hybrid

LI-ION BATTERY

A 48V Lithium-ion battery is adopted as the main battery that supplies power to start the engine and provide assistance.

PDU

The PDU (Power Delivery Unit) serves as an ECU (Engine Control Unit) and in addition, controls the motor assist system, including assistance and power generation.

MOTOR ASSIST

This system uses the ACG starter to assist the engine in the low-rpm range, thereby providing enhanced acceleration when the vehicle starts or accelerates rapidly.
Max. Power - Motor : 1.4 kW / 3,000 rpm
Max. Torque - Motor : 4.3 N.m / 3,000 rpm

SPECIFICATIONS

ENGINE	
Type	Single Cylinder, Liquid Cooled, SOHC 4-Stroke 2 Valve
Displacement	149.32 cm ³
Bore x Stroke	57.300 mm x 57.907 mm
Compression Ratio	10.6 : 1
Max. Power - Engine	10.8 kW / 8,500 rpm
Max. Torque - Engine	13.6 N.m / 6,500 rpm
Engine Oil Capacity	New : 0.9 (ℓ) (UPPER) / 0.7 (ℓ) (LOWER) Exchange : 0.8 (ℓ)
FUEL SYSTEM	
Carburation	Fuel Injection (PGM-FI)
Fuel Tank Capacity	8 (ℓ)

ELECTRICAL SYSTEM	
Starter	Electric Auto Start
Battery Capacity	5 A.h
ACG Output	12 V
CHASSIS	
Frame Type	Double Cradle
Dimensions (L x W x H)	1,923 mm X 745 mm X 1,107 mm
Wheelbase	1,313 mm
Caster Angle	27°
Seat Height	764 mm
Ground Clearance	137 mm
Kerb Weight	134 kg

DRIVETRAIN	
Clutch Type	Automatic Centrifugal Clutch Dry Type
Transmission Type	Automatic (V-Matic)
SUSPENSION, WHEELS & BRAKE	
Suspension Type	Front : Telescopic Rear : Twin
Rim Size	Front : 14 M/C x MT2.15 Rear : 14 M/C x MT3.50
Tyres	Front : 100/80 - 14 M/C (48P) Rear : 120/70 - 14 M/C (61P)
Brake Type	Front : Hydraulic Single Disc Rear : Mechanical Leading Trailing

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NEW PCX HYBRID

POWER OF THE PRIDE



WORLD STANDARD HYBRID



14" SPORT RIM

Sporty & better heat efficiency hence better braking power.



Honda SMART KEY SYSTEM

Be assured that your ride is secured with anti-theft alarm, answer back and smart key.



LCD DIGITAL METER PANEL

Motor assist system-related information is displayed in the combination meter.



3 ASSIST MODES SELECTION

The rider can switch the assist mode and idling stop on or off



DRIVE MODE
This mode provides a relaxing, comfortable ride with a good balance between riding comfort and fuel economy.



SPORT MODE
This mode provides sporty riding with a greater assistance torque than D mode.



IDLING OFF MODE
When this mode is selected, idling stop is not used. This mode provides the same level of assistance as D mode.



LED HEADLIGHT WITH LED DAYTIME RUNNING LIGHT

Provides excellent vision and superior durability with an elegant "blush" lens.



NEW LED TAIL LIGHT

The all new rear LED lighting system with the addition of smoke lens would further encapsulate the luxurious aspect of the PCX Hybrid