



**SELF-CHARGING
HYBRID ELECTRIC TECHNOLOGY
FOR AN**

Awesome **TOMORROW.**



**THE BEST OF BOTH WORLDS.
THE BEST FOR THE WHOLE WORLD.**



WHAT IF WE COULD ENJOY THE BENEFITS OF AN INTERNAL COMBUSTION ENGINE (ICE) AS WELL AS AN ELECTRIC POWERTRAIN AT THE SAME TIME.

OUR **SELF-CHARGING HYBRID ELECTRIC VEHICLES** LETS YOU DO JUST THAT BY ENABLING BOTH THE POWERTRAINS TO FUNCTION SIMULTANEOUSLY, THAT IS A PETROL ENGINE WITH AN ELECTRIC SYSTEM. A TECHNOLOGY WE PIONEERED AND MASTERED WITH THE WORLD'S FIRST MASS-PRODUCED HYBRID ELECTRIC VEHICLE - THE TOYOTA PRIUS, WAY BACK IN 1997.

SO BE IT A SHORT SPIN THROUGH THE CITY OR A LONG JOURNEY ACROSS THE COUNTRY, ENJOY THE BEST OF BOTH WORLDS WITH OUR **SELF-CHARGING HYBRID ELECTRIC VEHICLES**. AND THAT TOO WITH THE ADDED GRATIFICATION OF A LESS POLLUTED PLANET AND BLUER SKIES ENSURING A **CARBON-NEUTRAL WORLD**.

THEY ENSURE A **SUSTAINABLE FUTURE.** BUT THAT'S JUST THE TIP OF THE ICEBERG.

1

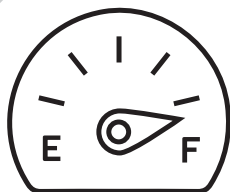
Better fuel economy

They have better fuel efficiency as they drive ~ 60%* of the time on EV mode in city driving stop & go traffic conditions.

3

Powerful acceleration

They combine the power from both the ICE and the electric motor to give you rapid acceleration that plants you to your seat.



**DRIVES ~60%*
OF THE TIME IN
EV MODE**



Lower maintenance

They undergo lesser wear and tear resulting in low maintenance cost every time you visit the service station.

2



While sustainable mobility is at the core of our vision of a cleaner, pollution-free planet, our **Self-charging Hybrid Electric Vehicles** are loaded with comforts and benefits that go far beyond sustainability.

5

Self-charged

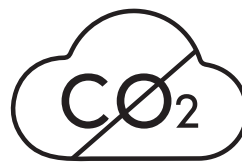
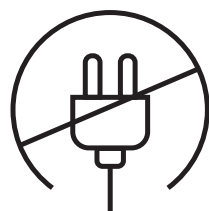
Moreover, you don't have to plug them in for charging as they charge themselves while on the move. No more range anxiety while driving long distances.

**DRIVES ~60%*
OF THE TIME IN
EV MODE**



Smoother drive & quietness
Not to mention, they offer a much smoother drive & quiet driving experience as they travel ~60%* of the time in EV mode.

4



Less emissions
And finally, as far as CO₂ is concerned, emissions are much lower as compared to ICE since they run on EV mode ~60% of the time.

6

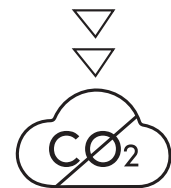
SOLD OVER 16 MILLION[#] ELECTRIFIED VEHICLES GLOBALLY. EQUAL TO PLANTING OVER 2 BILLION TREES*.



With so many inherent benefits, it's only natural that our **Self-charging Hybrid Electric Vehicles** have a huge fanbase. Today, we have sold over 16 million[#] electrified vehicles globally, majority of them **Self-charging Hybrid Electric Vehicles**.

Together, they have reduced over 139 million[#] tonnes of CO₂ emissions and saved over 52 million[#] litres of fuel. If this isn't revolutionary, then what is.

**REDUCED OVER
139 MILLION TONNES OF CO₂**



[#]As of Dec '20

*Source: EPA, USA <https://www.epa.gov/aboutepa>

The Environmental Protection Agency (EPA) is an independent executive agency of the United States federal government tasked with environmental protection matters.



CLEARING THE AIR ABOUT **SELF-CHARGING HYBRID ELECTRIC VEHICLES.** CREATING CLEAR BLUE SKIES FOR THE FUTURE.

When it comes to our **Self-charging Hybrid Electric Vehicles**, we don't want anyone to be in the dark. So here are some answers to the most frequently asked questions.



1

Do Self-charging Hybrid Electric Vehicles run on electric mode?

Our Self-charging Hybrid Electric Vehicles can run on both gasoline and electric power. While cruising it can run on gasoline and when you need that extra power or acceleration it can kick-in the electric power stored in the batteries.

2

Are Self-charging Hybrid Electric Vehicles expensive to maintain?

Not only do they save fuel, our Self-charging Hybrid Electric Vehicles are also more affordable to service. Maintenance costs are no more expensive than conventional cars. More so, now with the 8-year or 1 60 000 km self-charging hybrid battery warranty*.

3

Are Self-charging Hybrid Electric Vehicles powerful?

Thanks to the combination of a responsive petrol engine and a powerful electric motor, our Self-charging Hybrid Electric Vehicles have no dearth of power.

6

Are Self-charging Hybrid Electric Vehicles practical?

Firstly, Self-charging Hybrid Electric Vehicles don't depend on any charging infrastructure as they charge themselves while on the move. Secondly, they are sustainable as they drive in EV mode ~60%^ of the time. Therefore, they are one of the most practical and sustainable mobility solutions around.

4

Are Self-charging Hybrid Electric Vehicles more difficult to drive?

There's nothing complicated about driving a hybrid car. Toyota hybrid vehicles are as easy to drive as the conventional car you're used to.

5

Do Self-charging Hybrid Electric Vehicles have to be charged?

Our Self-charging Hybrid Electric Vehicles feature pioneering, self-charging technology. The battery is charged with the help of the motor generator that recuperates energy during deceleration and braking.

*Terms & conditions apply.

^As per report by testing agency ICAT (The International Centre for Automotive Technology).

HOW SELF-CHARGING HYBRID ELECTRIC VEHICLES ROLL.

SELF-CHARGING ELECTRIC SYSTEM



1

STARTING-OFF

The electric motor propels the vehicle alone.

Electric motor-only starting-off.



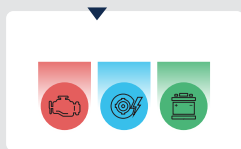
2

REGULAR DRIVING

The electric motor does most of the work and the engine simply helps out.

OPTIMAL BALANCE

Optimal use of the engine and the electric motor.

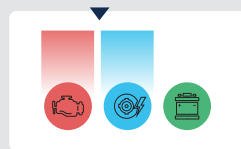


3

FULL ACCELERATION

Both the engine and the electric motor gives it their all.

Maximum use of power from both the electric motor and the engine.



4

DECELERATION/BRAKING

The engine takes a break and the electric motor helps the battery recharge.

The large electric motor and battery allow large amounts of energy to be recovered and stored.



ENGINE



ELECTRIC MOTOR



CHARGE

VICTORY AT LE MANS. THE TRUE TEST OF OUR **RELIABILITY.**

In our hybrid journey, we have achieved many milestones. But the highlight of the journey would surely be our self-charging hybrid electric hypercars winning the Le Mans. And that too 4 times in a row, forever enshrining Toyota in the history books.

If last year it was the TS050, in 2021 it was the GR010 Hypercar that clinched victory taking both the 1st as well as the 2nd positions dominating Le Mans completely.



+



COMBINING A **GASOLINE ENGINE** WITH A **HYBRID ELECTRIC SYSTEM**, THE GR010 COULD **CRANK-OUT 932 PS POWER** IN TANDEM WHICH GAVE IT BLISTERING ACCELERATION AND BLAZING SPEEDS.



WINNER
2018 2019 2020 2021

FROM THE **RACE TRACKS**
TO THE ROADS.
THE WINNING
STREAK CONTINUES.



Victory at the Le Mans was a prelude to many good things to follow as Toyota Gazoo Racing team's motorsport learnings go into making our road cars faster, efficient and more reliable.

And that goes for our wide array of electrified vehicles too.

Better known as **xEVs**, they include:

Strong Hybrid Electric Vehicles (SHEVs)

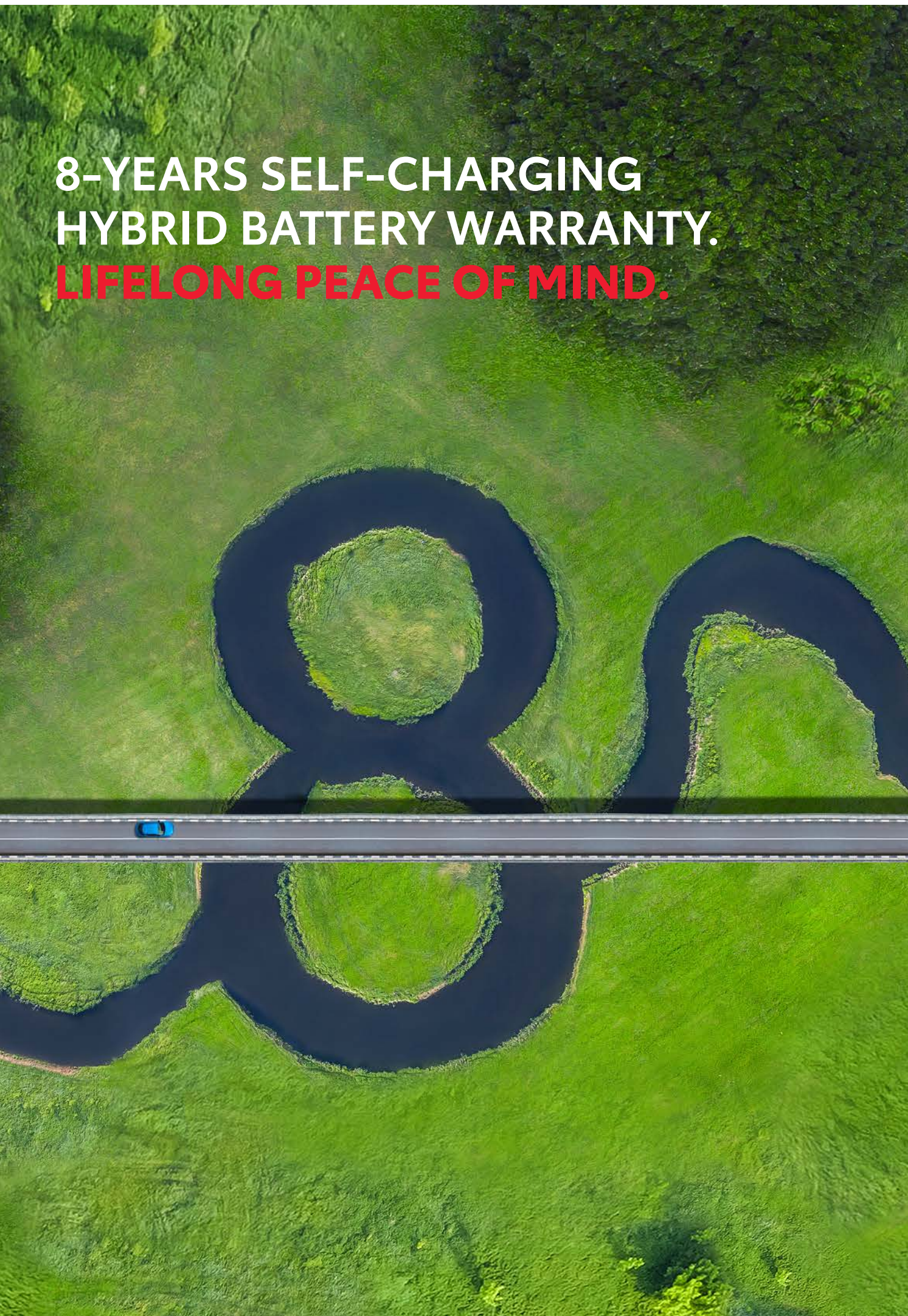
Plug-in Hybrid Electric Vehicles (**PHEVs**)

Battery Electric Vehicles (**BEVs**)

Fuel Cell Electric Vehicles (**FCEVs**)

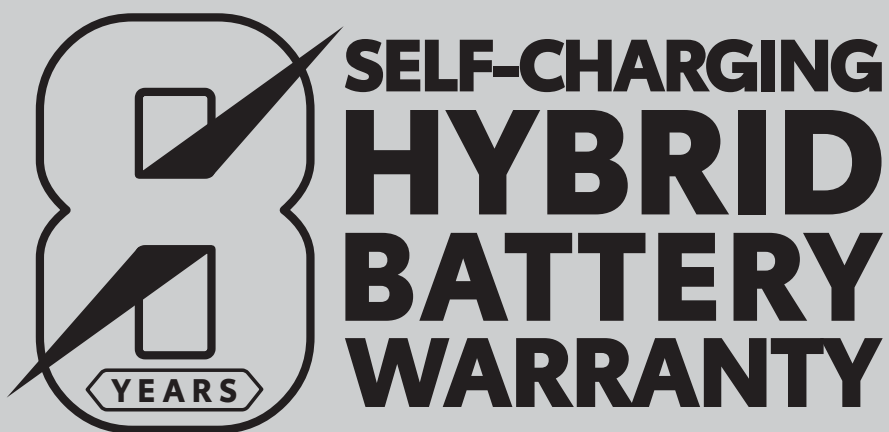
In India, SHEVs are the most sought-after. The Toyota Camry and Vellfire have been our flagship SHEVs that showcase world-class luxury and performance while driving forward our vision of a bluer planet.

**8-YEARS SELF-CHARGING
HYBRID BATTERY WARRANTY.
LIFELONG PEACE OF MIND.**



The 8-year self-charging hybrid battery warranty is in line with our Environment Vision 2050 whereby we are committed to create a **Carbon-Neutral World** by the year 2050. The warranty program gives you an 8-year or 1 60 000 km warranty* on your self-charging hybrid battery.

What's more. With this move, we reaffirm our commitment to a sustainable future and give you one more reason to consider our **Self-charging Hybrid Electric Vehicles**. So when it comes to owning a **Self-charging Hybrid Electric Vehicle**, you needn't look any further.



*Terms & conditions apply.

DON'T TAKE OUR WORD FOR IT. READ THE REVIEWS.



Toyota has put in a lot of work and value engineering into their batteries, which have evolved rapidly over the years. And that confidence is reflected in the recently announced 8-year hybrid battery warranty.



Magic lies in the fact that the transition between the engine and electric motor propulsion is seamless, it makes for a relaxed drive with sufficient power.



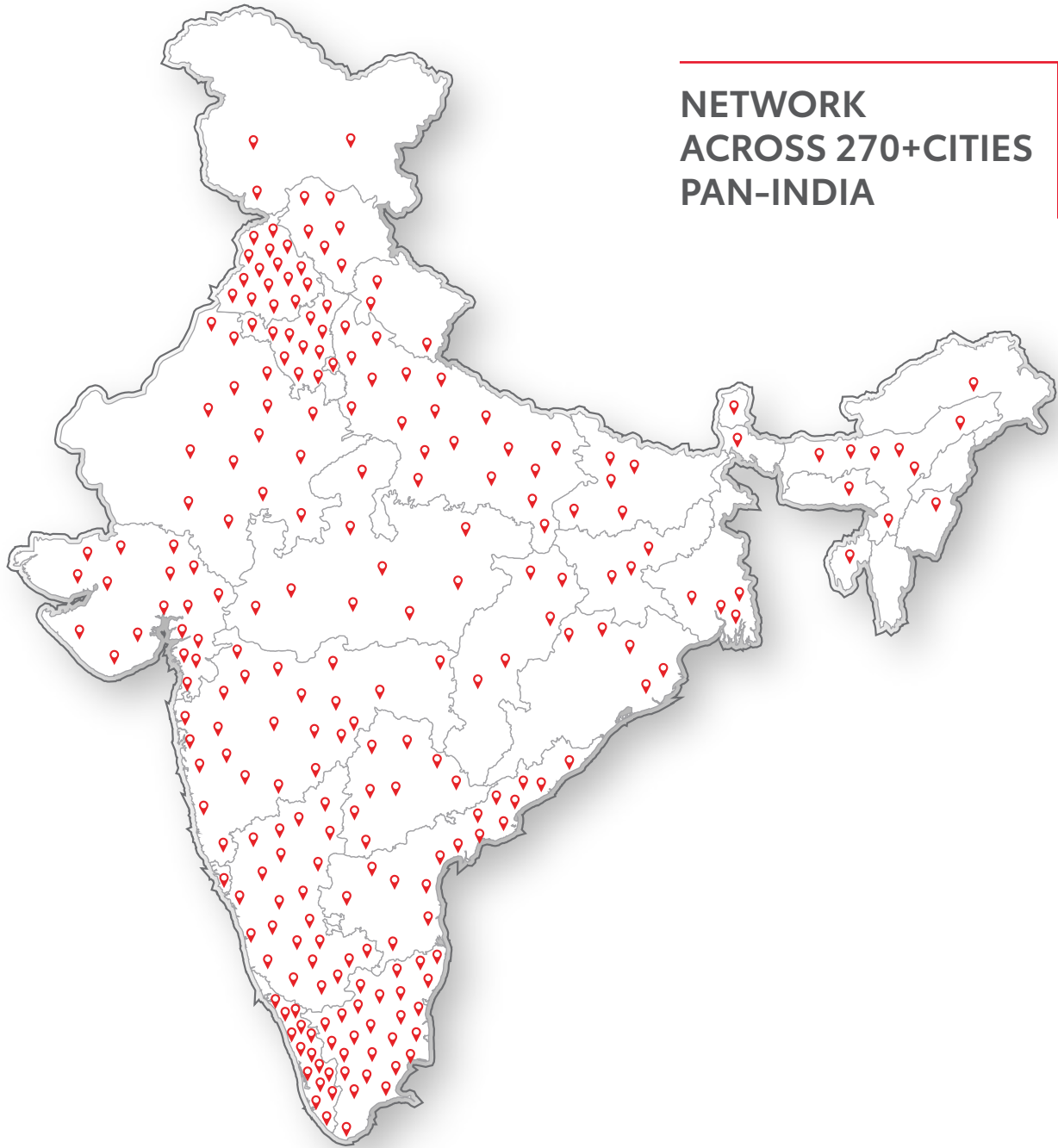
Self-charged hybrids also lay the groundwork for higher levels of electrification in the future.



EVs might be the future, but the present yearns for hybrids. A technology that has been around and has been staring at us all this while as we scamper around for solutions.



DEALER NETWORK



**NETWORK
ACROSS 270+CITIES
PAN-INDIA**

278

Sales Touch
Points

343

Service Touch
Points

*Toyota Sales & Service network as on 28th February 2022.

**Map and Locations are Indicative only. Not to be considered as actuals.

**SELF-CHARGING
HYBRID ELECTRIC TECHNOLOGY
IS FOR TODAY AND TOMORROW.
NOW THAT'S** *Awesome*

FOR MORE INFORMATION ON OUR SELF-CHARGING HYBRID
ELECTRIC VEHICLES AND TO EXPERIENCE THE HYBRID DRIVE,
CONTACT YOUR NEAREST TOYOTA DEALERSHIP OR VISIT
<https://www.toyotabharat.com/hybrid-technology/>

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