

Cost Comparison Between BYD ATTO 3 Electric vs XUV 700 AX7L AT Petrol vs Toyota HYCROSS Hybrid

GURUGRAM TO ITO

| Year 1 | | | Year 2 | | | Year 3 | | | Year 4 | | | Year 5 | | | Year 6 | | | Year 7 | | | Year 8 | | | Highway Run in 8 years | | | Total 8 years + Highway | | | | | | |
|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|------------------------|--|--------------|-------------------------|----------------|----------------|---|---------------------------------------|--------|--|
| EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | |
| 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | Daily running in KM for office | | |
| 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 22 days a month drive Local Delhi NCR | | |
| 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | Annual drive local Delhi NCR for office | | | |
| 320 | | | 340 | | | 360 | | | 380 | | | 400 | | | 425 | | | 450 | | | 475 | | | | | | | | | Charging cost once a week at home | | | |
| 1600 | | | 1700 | | | 1800 | | | 1900 | | | 2000 | | | 2125 | | | 2250 | | | 2375 | | | | | | | | | 30 days charging cost | | | |
| 160 | 1935 | 921 | 170 | 1700 | 810 | 180 | 1700 | 810 | 190 | 1800 | 857 | 200 | 1800 | 857 | 213 | 1800 | 857 | 225 | 1900 | 905 | 238 | 1900 | 905 | | | | | | | Monthly Petrol additional cost for 200 km | | | |
| 19200 | | | 20400 | | | 21600 | | | 22800 | | | 24000 | | | 25500 | | | 27000 | | | 28500 | | | | | | | | | Annual Charging Cost | | | |
| 1920 | 23220 | 11057 | 2040 | 20400 | 9714 | 2160 | 20400 | 9714 | 2280 | 21600 | 10286 | 2400 | 21600 | 10286 | 2550 | 21600 | 10286 | 2700 | 22800 | 10857 | 2850 | 22800 | 10857 | | | | | | | Annual Petrol Cost | | | |
| 21120 | 176472 | 84034 | 22440 | 155040 | 73829 | 23760 | 155040 | 73829 | 25080 | 164160 | 78171 | 26400 | 164160 | 78171 | 28050 | 164160 | 78171 | 29700 | 173280 | 82514 | 31350 | 173280 | 82514 | 35556 | 130909 | 96000 | 212106 | 1283221 | 644720 | Annual EV + Petrol Cost | | | |
| | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | For EV 16000km / 450km x Rs.1000 | | | | 432614 | EV saving over Hybrid | | | |
| | Rs.96.75/ per Litre | | | Rs.85/ per Litre | | | Rs.85/ per Litre | | | Rs.90/ per Litre | | | Rs.90/ per Litre | | | Rs.95/ per Litre | | | Rs.95/ per Litre | | | Rs.95/ per Litre | | | for Petrol FE 11 & Hybrid FE 15 x Rs.90/- Average Petrol Price | | | | 1071116 | EV saving Petrol AT | | | |

TWO YEARS VASANT KUNJ TO ITO & THEN GURGAON TO ITO

| Year 1 | | | Year 2 | | | Year 3 | | | Year 4 | | | Year 5 | | | Year 6 | | | Year 7 | | | Year 8 | | | Highway Run in 8 years | | | Total 8 years | | | | | | |
|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|--------------|------------------------------------|--------------|------------------------|--|--------------|---------------|----------------|---------------|---|-----------|--------|--|
| EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | EV | Petrol AT | Hybrid | |
| 36 | 36 | 36 | 36 | 36 | 36 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | Daily running in KM for office | | | |
| 792 | 792 | 792 | 792 | 792 | 792 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 22 days a month drive Local Delhi NCR | | | |
| 9504 | 9504 | 9504 | 9504 | 9504 | 9504 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | 15840 | Annual drive local Delhi NCR for office | | | |
| 200 | | | 220 | | | 360 | | | 380 | | | 400 | | | 425 | | | 450 | | | 475 | | | | | | | | | Charging cost once a week at home | | | |
| 1000 | | | 1100 | | | 1800 | | | 1900 | | | 2000 | | | 2125 | | | 2250 | | | 2375 | | | | | | | | | 30 days charging cost | | | |
| 100 | 1935 | 921 | 110 | 1700 | 810 | 180 | 1700 | 810 | 190 | 1800 | 857 | 200 | 1800 | 857 | 213 | 1800 | 857 | 225 | 1900 | 905 | 238 | 1900 | 905 | | | | | | | Monthly Petrol additional cost for 200 km | | | |
| 12000 | | | 13200 | | | 21600 | | | 22800 | | | 24000 | | | 25500 | | | 27000 | | | 28500 | | | | | | | | | Annual Charging Cost | | | |
| 1200 | 23220 | 11057 | 1320 | 20400 | 9714 | 2160 | 20400 | 9714 | 2280 | 21600 | 10286 | 2400 | 21600 | 10286 | 2550 | 21600 | 10286 | 2700 | 22800 | 10857 | 2850 | 22800 | 10857 | | | | | | | Annual Petrol Cost | | | |
| 13200 | 115171 | 54843 | 14520 | 101184 | 48183 | 23760 | 155040 | 73829 | 25080 | 164160 | 78171 | 26400 | 164160 | 78171 | 28050 | 164160 | 78171 | 29700 | 173280 | 82514 | 31350 | 173280 | 82514 | 35556 | 130909 | 96000 | 196266 | 1168064 | 589883 | Annual EV + Petrol Cost | | | |
| | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | Petrol FE 10kmpl, Hybrid FE 21kmpl | | | For EV 16000km / 450km x Rs.1000 | | | | 393618 | EV saving over Hybrid | | | |
| | Rs.96.75/ per Litre | | | Rs.85/ per Litre | | | Rs.85/ per Litre | | | Rs.90/ per Litre | | | Rs.90/ per Litre | | | Rs.95/ per Litre | | | Rs.95/ per Litre | | | Rs.95/ per Litre | | | for Petrol FE 11 & Hybrid FE 15 x Rs.90/- Average Petrol Price | | | | 971799 | EV saving Petrol AT | | | |

3625000 BYD ATTO 3 onroad Delhi price as on April 2023 (5 Seater)
 3525000 Innova Hycross ZX(O) onroad Delhi price as on April 2023 without premium (6 Seater)
 2890000 XUV 700 AX7L Petrol AT onroad Delhi price as on April 2023 without premium (7 seater)

390 BYD Atto 3 Range 100% to 15% ARAI minus 25% (ARAI range is 521 km)
 300 Weekly running from Gurugram to ITO is 300km
 180 Weekly running from Vasant Kunj to ITO is 180km

Unit consume to charge 15% to 100% is about 50 units
 50 units x Rs.8 per unit = Rs.400/-

300 km / 21 FE of Hycross = 14.28 litre petrol per week
 14.28 x Rs.96.75 per litre = Rs.1382 per week cost of fuel

36 km x 5 days = 180km / 21 FE of Hycross = 8.5 litre petrol per week
 8.5 x Rs.96.75 per litre = Rs.822 per week cost of fuel

For 300 km per week running in BYD Atto 3, total cost will be around Rs.320
 For 180 km per week running in BYD Atto 3, total cost will be around Rs.200

| | 5 Seater | 6 Seater | 7 Seater | 5 Seater | 5 Seater | 4 Seater | 6 Seater |
|----------------------------|------------------------|--------------------|-------------------|------------------------|------------------------|--------------------|-------------------|
| | BYD Atto 3 | Hycross | XUV700 | Hyundai Ioniq 5 | Kia EV6 | Creta | Hector Plus |
| Length | 4455 | 4755 | 4695 | 4635 | 4695 | 4300 | 4699 |
| Width | 1875 | 1845 | 1890 | 1890 | 1890 | 1790 | 1835 |
| Height | 1615 | 1785 | 1755 | 1605 | 1550 | 1620 | 1760 |
| Wheelbase | 2720 | 2850 | 2750 | 3000 | 2900 | 2610 | 2750 |
| Ground Clearance | 175mm | 200mm | 200mm | 163mm | 178mm | 190mm | 185mm |
| Boot | 440 | 200/991 | 75/525 | 527 | 520 | 435 | 525 |
| Onroad Delhi Price | 36,25,000 | 35,25,000 | 28,90,000 | 48,60,000 | 65,25,000 | 21,60,000 | 26,50,000 |
| Cost to Run 1000 km | 1200 | 4620 | 10770 | 1200 | 1200 | 8800 | 12000 |
| Charging | At Home @Rs.8 per unit | FE 21 km per litre | FE 9 km per litre | At Home @Rs.8 per unit | At Home @Rs.8 per unit | FE 11 km per litre | FE 8 km per litre |

| Cost to Run 1000 km | 2250 | 4620 | 10770 | 2250 | 2250 | 8800 | 8800 |
|---------------------|------------------------|--------------------|-------------------|------------------------|------------------------|--------------------|-------------------|
| Charging | Public Charging @Rs.18 | FE 21 km per litre | FE 9 km per litre | Public Charging @Rs.18 | At Home @Rs.8 per unit | FE 11 km per litre | FE 8 km per litre |