

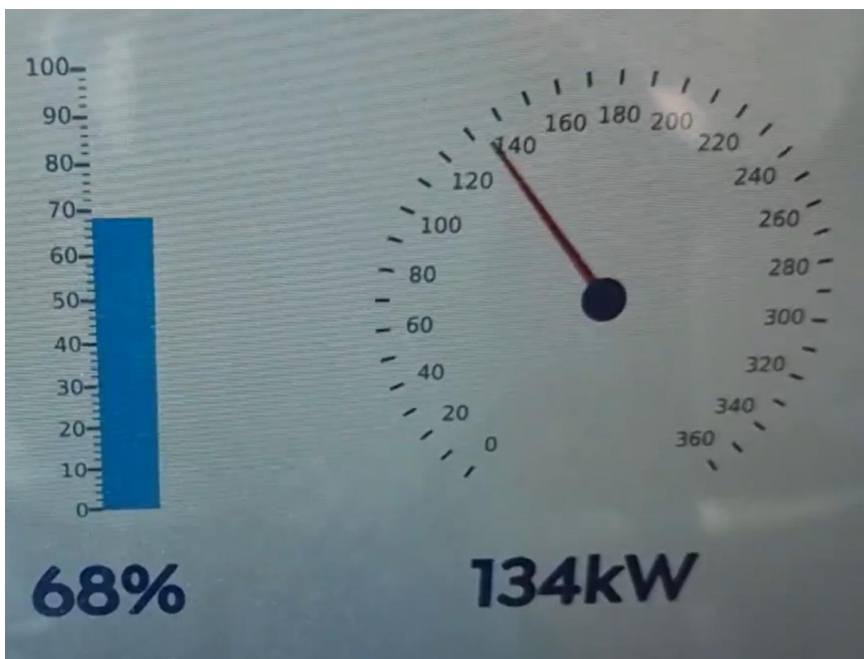
Day 1 - Leaving home



So after just 110km we stopped for a charge – place we wanted to stop. But the maths is simple, we started with 528km, did 110km and not 418km left but 367km. We drove at 110kmph most of the way.



Charged at Evie Warrenheip and rate was good. Charged to 94% (no queue), overall added 24.4kWh in 19 minutes or 77 kW rate. Started at 134kW rate. Cost \$14.65



Chatted to BYD owner from Adelaide.



Car now saying 520km for 94% → range of around 550km...hmm



Next stop at Horsham – Chargefox. Here is the ‘after’ shot. We added 35.3 kWh in 23 minutes so about 100kW rate. Pretty good since well over 80%. Cost \$16.94



Range now saying 498km for 95% → range 524km

All driving on Day 1 was at close to speed limit so about 110kmph. You can see above snap says 193km in 2:18hrs → 86 kmph

Arrived at overnight accom

Range now saying 394 km for 79% → range 498 km



Day 2

Some drama next day due to Highway closure – it meant that a 40km trip from accom to charger / brekky stop became 120km.

After charging



We added 33.3kWh , so about 43% in 40 minutes. So a rate of 50kW (from 50kW Evie charger)

Range now saying 401 km for 82% → range 489 km

Next stop Evie at Taillem Bend

Added 58.7kWh in 30 minutes, so rate of 117kW, cost of \$35.24



Range now saying 383 km for 94% → range 407 km

First really significant drop – after about 700km of high speed driving.

Arrived at accom – on leaving last stop said we had 383km, we did 65km and only had 302km.



Charged overnight



Now saying range of just over 403km

Another day of local driving – so a mixture of speeds



Still saying around 407km

Another day of local driving and charging at hotel's 7kW charger. Had this first thing, outside temp has not changed.



But before I drove off it had changed to this



So range now 393km



Moved to accom with only a simple granny charger



So with some highway and some local driving – range now back to around 395km

Heading to new accom – went via Evie charger in Adelaide to head off with full charge

Added 6kWh in 10 minutes for \$2.76 Rate of 36 kW



Range near 396km still

New accom – just granny charging



Range seems to have bottomed out at 395km

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Moved accom again and used their granny charger



This was after a short ferry trip and some more local driving...has bumped up to 409km range.



Before we started it said 409km, drove 127km and had 278km...v close. Lots of 110kmph driving

Av speed just over 60 kmph

Charged again overnight



Up a smidge to 411km



End of day – did 104km, 290km left = 394km vs 411 predicted. Av speed about 60kmph (if you do the maths and assume little sitting idle in car)



Overnight full charge – dropped it back a bit to 399km

More kms today and all 100kmph plus



Predictor well out – did 217km and had 115km = 332km range!! Not the 399km. Did use heated seats!

Av speed 85 kmph

But the other back of envelope = 32% left in 'tank' for 115km. So that would say range of around 360km

Overnight charge only back to 75%



75% = 289km → 100% = 385 km



Did 106km, range now 177km = 283km vs 289km at start of day

Overnight back to 92%

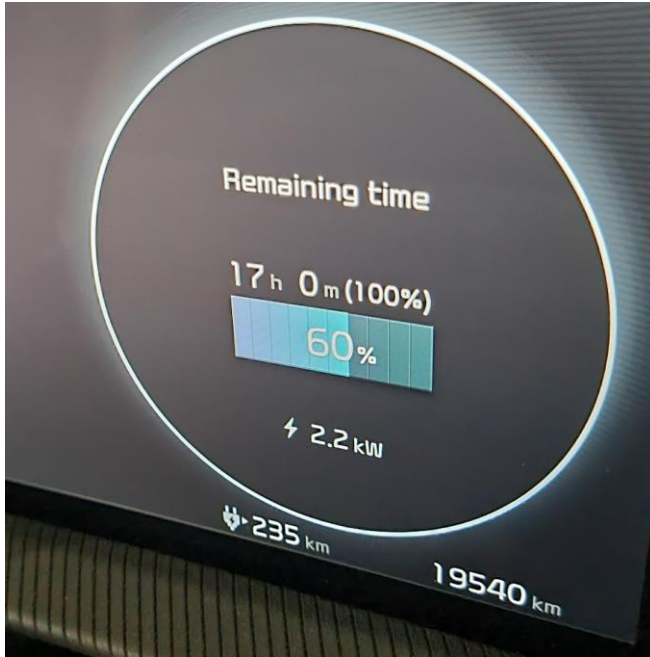


Drove to next stop



Drove 102km, range now 263km = 365km vs 351km at start of day

Oops – forgot to take normal shot



Only did 45km and used 10%

Charged overnight



A few days of v short trips



Then full charge



You can see the consumption rate (for 31km of city driving) has dropped to 16.5 kWh/100km



After an hour at the most expensive charging I've seen (\$1 per kW)



On to overnight stop



Still under 20 kWh/100km

65km+253km = 318km vs 325 km predicted

Oops missed a charge here...





Above was the night time figures at 10 degrees



By morning and warmer temp – range up by 17km





Much more economical today – short trips



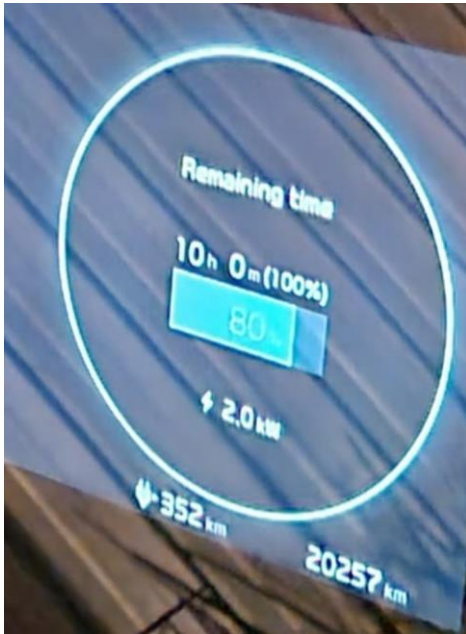
Big difference when temp changed from 12 degrees to 20 degrees without moving car.



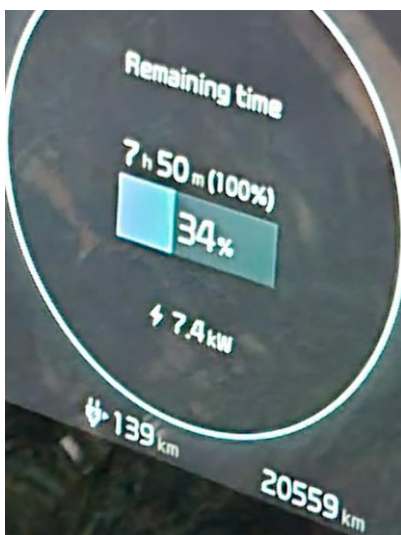
And achieved $57+351=408\text{km}$ v 393 or 414km



Hmm – no temp change but BIG range change. Only 20 minutes between two shots...can't explain difference



Range change 400 → 429km, but temp increase. Was 24 hours later.





An hour between photos and same temp but 27km extra range



197+187km = 384km vs predicted 402/429km BUT this had a changed from driving around town to almost all 100kmph driving. Consumption back above 20



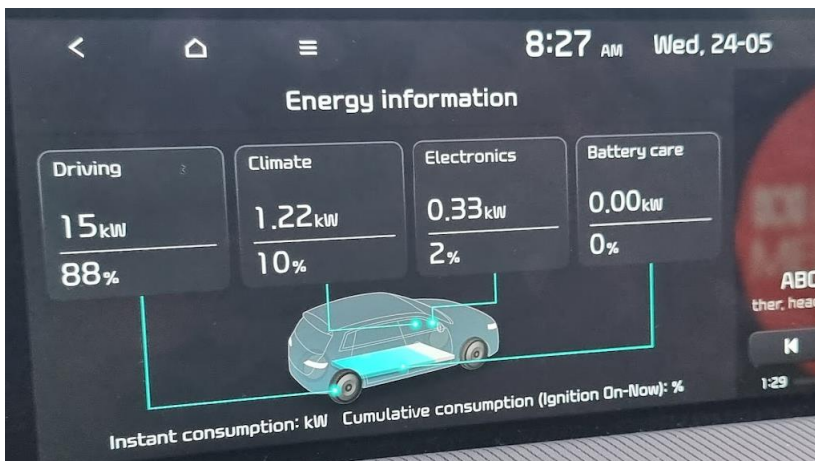
90% giving 378km equates to 100% being around 420km



198 + 151km = 348km v predicted 378km. 198km in 2:12 hours → Av speed of 90kmph



The 399km range was late arvo and the 368km was early next day – much colder.



Shows climate (heating) using a fair chunk



188+148=336km v 368km. Usage at 23, impact of heating and heated seats?



113+290=403km v predicted 385km

Km out = 17230

Km in = 21257

Diff = 4027 km