

Bert's Tesla Model S 90D Rated Range Log - VIN 106349

	Daily Mean	Daily	Range Mode	Completed Charge Rated Range (miles)*			FW Version	
Date	°F	Low °F	ON	@90%	@100%	Days	(Build)	Notes
				257	286			THEORETICAL TARGET from Tesla Marketing
10/05/15	66	61	✓	255		0	6.2	Delivered; Range Mode ON
11/02/15	64	57	✓	255		28d	7.0 (2.7.56)	
11/08/15	61	52	✓	255		34d	7.0 (2.7.56)	
11/10/15	59	53	✓	254		36d	7.0 (2.7.56)	
11/11/15	60	46	✓	253		37d	7.0 (2.7.56)	253 @ 4:30AM; 254 when backed-out MS @ 8AM for a wash; 253 again @ 9:10AM when moved back into garage; 253 @ 11:30AM; 252 @ 11:30:05; 254 @ 11:30:10
11/12/15	58	46	✓	253		38d	7.0 (2.7.56)	
11/13/15	60	48	✓	253		39d	7.0 (2.7.56)	
11/14/15	64	54	✓	254		40d	7.0 (2.7.56)	
11/15/15	62	55	✓	254	282	41d	7.0 (2.7.56)	Normal 90% charge, then trip charged to 100%
11/16/15	54	48	✓	253		42d	7.0 (2.7.56)	
11/17/15	55	46	✓	253		43d	7.0 (2.7.56)	
11/18/15	59	48	✓	253		44d	7.0 (2.7.56)	
11/19/15	64	54	✓	254		45d	7.0 (2.7.56)	
11/20/15	64	53	✓	253		46d	7.0 (2.7.56)	
11/21/15	70	57	✓	254		47d	7.0 (2.7.56)	
11/23/15	65	55	✓	254		49d	7.0 (2.7.56)	
11/27/15	54	48	✓	253		53d	7.0 (2.7.56)	
11/28/15	54	46	✓	253		54d	7.0 (2.7.56)	
11/30/15	55	44	✓	251		56d	7.0 (2.7.56)	Disconnect @ 12AM
12/01/15	54	45	✓	250		57d	7.0 (2.7.56)	
12/02/15	60	46	✓	251	278	58d	7.0 (2.7.56)	Normal 90% charge, then trip charged to 100%
12/03/15	62	51	✓	253		59d	7.0 (2.7.56)	“The Day of Multiple Disconnects” @ 12AM; I
12/04/15	56	48	✓	252		60d	7.0 (2.7.56)	via UMC @ 110V
12/06/15	62	53	✓	251		62d	7.0 (2.7.56)	New HPWC in place
12/07/15	62	51	✓	251		63d	7.0 (2.7.56)	
12/08/15	62	53	✓	251		64d	7.0 (2.7.56)	
12/09/15	62	53	✓	251		65d	7.0 (2.7.56)	
12/10/15	57	51	✓	252		66d	7.0 (2.7.56)	
12/12/15	61	45	✓	252		68d	7.0 (2.7.56)	
12/13/15	56	48	✓	251		69d	7.0 (2.7.56)	
12/16/15	54	45	✓	251		72d	7.0 (2.7.56)	
12/17/15	52	42	✓	251		73d	7.0 (2.7.56)	
12/18/15	56	45	✓	252		74d	7.0 (2.7.56)	
12/19/15	54	46	✓	251		75d	7.0 (2.7.56)	
12/23/15	58	52	✓	251		79d	7.0 (2.7.56)	
12/23/15	58	52	✓	251		79d	7.0 (2.9.68)	updated firmware
12/25/15	52	46	✓	251		81d	7.0 (2.9.68)	
12/28/15	49	43	✓	251		84d	7.0 (2.9.68)	
12/29/15	48	39	✓	250		85d	7.0 (2.9.68)	
12/31/15	52	43	✓	250		87d	7.0 (2.9.68)	
01/01/16	53	44	✓	250		88d	7.0 (2.9.68)	
01/04/16	59	55	✓	250		91d	7.0 (2.9.68)	
01/05/16	56	55	✓	250		92d	7.0 (2.9.68)	
01/06/16	56	51	✓	251		93d	7.0 (2.9.68)	
01/09/16	52	46	✓	250		96d	7.0 (2.9.68)	
01/10/16	56	52	✓	250		97d	7.0 (2.9.68)	
01/11/16	56	48	✓	251		98d	7.0 (2.9.68)	
01/12/16	54	43	✓	251		99d	7.0 (2.9.68)	
01/13/16	52	45	✓	250		100d	7.0 (2.9.68)	
01/13/16	52	45	✓	250		100d	7.1 (2.9.154)	updated firmware
01/13/16	52	45	✓		279	100d	7.1 (2.9.154)	
01/14/16	56	50	✓		279	101d	7.1 (2.9.154)	
01/15/16	56	51	✓	251		102d	7.1 (2.9.154)	
01/20/16	62	57	✓	250		107d	7.1 (2.9.154)	
01/21/16	60	48	✓	250		108d	7.1 (2.9.154)	

01/22/16	60	50	✓	250		109d	7.1 (2.9.154)	
01/23/16	56	52	✓	250		110d	7.1 (2.9.154)	
01/27/16	58	48	✓	250		114d	7.1 (2.9.154)	
01/29/16	57	48	✓		278	116d	7.1 (2.9.154)	
01/30/16	57	51	✓	252		117d	7.1 (2.9.154)	
01/31/16	56	53	✓	251		118d	7.1 (2.9.154)	
02/03/16	52	44	✓	251		121d	7.1 (2.9.154)	
02/04/16	56	44	✓	250		122d	7.1 (2.9.154)	
02/08/16	68	55	✓	251		126d	7.1 (2.9.154)	
02/09/16	70	57	✓	249		127d	7.1 (2.9.154)	
02/12/16	64	53	✓	251		130d	7.1 (2.9.154)	
02/14/16	60	50	✓	250		132d	7.1 (2.9.154)	
02/15/16	72	61	✓	249		133d	7.1 (2.9.154)	
02/16/16	75	60	✓	249		134d	7.1 (2.9.154)	
02/18/16	60	54	✓	250		136d	7.1 (2.9.154)	
02/19/16	52	45	✓	249		137d	7.1 (2.9.154)	
02/21/16	57	50	✓	250		139d	7.1 (2.9.154)	
02/22/16	57	48	✓	250		140d	7.1 (2.9.154)	
02/23/16	64	54	✓	249		141d	7.1 (2.9.154)	
02/24/16	67	55	✓	250		142d	7.1 (2.9.154)	
02/25/16	64	53	✓	250		143d	7.1 (2.9.154)	Maps update received today
02/26/16	62	52	✓	249		144d	7.1 (2.9.154)	
02/26/16	62	52	✓	249		144d	7.1 (2.12.126)	updated firmware
02/27/16	62	52	✓	251		145d	7.1 (2.12.126)	
02/28/16	58	52	✓	251		146d	7.1 (2.12.126)	Reported max HPWC charge @ 40A
02/29/16	58	52	✓	251		147d	7.1 (2.12.126)	
03/01/16	58	51	✓	250		148d	7.1 (2.12.126)	
03/02/16	58	53	✓	251		149d	7.1 (2.12.126)	
03/04/16	60	55	✓	251		151d	7.1 (2.12.126)	
03/04/16	60	55	✓	251		151d	7.1 (2.13.77)	updated firmware
03/05/16	60	55	✓		280	152d	7.1 (2.13.77)	Ran errands, then trip charged to 100% before
03/05/16	60	56	✓	252		152d	7.1 (2.13.77)	Barstow SpC
03/06/16	57	48	✓	252		153d	7.1 (2.13.77)	Primm SpC
03/07/16	53	46	✓	252		154d	7.1 (2.13.77)	Las Vegas HPWC @ 80A
03/09/16	54	44	✓	252		156d	7.1 (2.13.77)	Barstow SpC
03/10/16	55	54	✓	252		157d	7.1 (2.13.77)	
03/11/16	60	53	✓	251		158d	7.1 (2.13.77)	
03/14/16	60	57	✓	251		161d	7.1 (2.13.77)	
03/17/16	62	55	✓	251		164d	7.1 (2.13.77)	
03/18/16	62	57	✓	251		165d	7.1 (2.14.66)	updated firmware
03/20/16	60	55	✓	251	280	167d	7.1 (2.14.66)	overnight top-off, then trip charge before leave
03/21/16	60	55	✓	250		168d	7.1 (2.14.66)	
03/24/16	63	53	✓	251		171d	7.1 (2.14.66)	
03/25/16	61	53	✓	250		172d	7.1 (2.14.66)	
03/30/16	54	48	✓	251		177d	7.1 (2.14.66)	
03/31/16	56	48	✓	250		178d	7.1 (2.14.66)	
04/01/16	58	53	✓	250		179d	7.1 (2.14.66)	
04/02/16	60	53	✓	251		180d	7.1 (2.14.66)	
04/04/16	59	52	✓	251		182d	7.1 (2.14.66)	
04/05/16	64	54	✓	251		183d	7.1 (2.14.66)	
04/07/16	62	60	✓	251		185d	7.1 (2.14.66)	
04/08/16	60	57	✓	251		186d	7.1 (2.14.66)	
04/09/16	62	57	✓	251		187d	7.1 (2.14.66)	
04/10/16	62	57	✓	251		188d	7.1 (2.14.66)	
04/12/16	60	57	✓			190d	7.1 (2.16.17)	updated firmware; no charge
04/13/16	58	57	✓	251		191d	7.1 (2.16.17)	
04/14/16	60	57	✓	251		192d	7.1 (2.16.17)	
04/16/16	66	55	✓	251		194d	7.1 (2.16.17)	
04/17/16	68	55		251		195d	7.1 (2.16.17)	Range Mode default set to OFF
04/18/16	70	61		251		196d	7.1 (2.16.17)	
04/19/16	72	62		251		197d	7.1 (2.16.17)	
04/26/16	61	51			280	204d	7.1 (2.17.37)	SC updated firmware, then charged to 100%
05/11/16	63	60			280	219d	7.1 (2.17.37)	charged from 24%/63 RR mi (took 3:56)

05/12/16	62	60		251			220d	7.1 (2.17.37)	
05/13/16	63	60		251			221d	7.1 (2.17.37)	
05/15/16	62	59		251			223d	7.1 (2.17.37)	MS charged itself at 4:01AM, contrary to 12A
05/16/16	62	60		252			224d	7.1 (2.17.37)	auto-charged at 12AM again
05/17/16	62	61					225d	7.1 (2.18.77)	updated firmware; no charge (summon via st
05/19/16	64	61		253			227d	7.1 (2.18.77)	
05/21/16	60	57		253			229d	7.1 (2.18.77)	auto-charge 1:45-1:53; 244-253
05/23/16	60	55		253			231d	7.1 (2.18.77)	
05/24/16	62	60		253			232d	7.1 (2.18.77)	
05/25/16	62	57		253			233d	7.1 (2.18.77)	
05/26/16	62	57		253			234d	7.1 (2.20.30)	updated firmware; auto-charged upon compl
05/28/16	62	60	✓	253			236d	7.1 (2.20.30)	Range mode default set back to ON
05/29/16	62	59	✓	253			237d	7.1 (2.20.30)	
05/30/16	64	61	✓	253			238d	7.1 (2.20.30)	
06/01/16	62	60	✓	253			240d	7.1 (2.20.30)	
06/02/16	65	60	✓	253			241d	7.1 (2.20.30)	
06/03/16	66	61	✓	253			242d	7.1 (2.20.30)	
06/06/16	64	61	✓	253			245d	7.1 (2.20.30)	
STOPPED DAILY CHARGE TRACKING; SELECTED RECORDINGS FOLLOW									
06/22/16	66	66	✓	254	282		261d	7.1 (2.20.30)	
07/18/16	70	73	✓	254	283		287d	7.1 (2.28.19)	
07/22/16	75	66	✓	255			291d	7.1 (2.28.19)	
07/30/16	70	69		255	283		299d	7.1 (2.28.19)	est weather
* Typical Environment: Unless otherwise noted:									
	Energy Settings are maintained as: Regen Braking: STANDARD; Range Mode (see column above); Energy Saving ON; LTE Cell Connectivity ON; Charging Schedule Begins at 12:00AM each day								
	- Prior to charging, remaining rated range was >100 miles								
	- Each recorded range is as displayed via the iPhone Tesla App within ~4 hours of charge completion; No snowflake has ever been displayed in the bar graphic.								
	- MS charging is performed via 80-amp HPWC (dual chargers) in an enclosed Carlsbad, CA garage								
	- MS is almost always plugged into HPWC when parked at home. As expected, MS does not maintain the precise target rated range day-in-and-day-out to compensate for vampire loss, etc. Instead, when MS isn't driven for a day or two, MS charges itself "upon occasion", bringing rated range back up to target.								