

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

Date	Daily Mean °F	Daily Low °F	Completed Charge Rated Range (miles)*		Days	FW Version (Build)	Notes
			@90%	@100%			
10/05/15	66	61	255		0	6.2	Delivered
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% before leaving
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% before leaving
12/03/15	62	51	253		59d	7.0 (2.7.56)	"The Day of Multiple Disconnects" @ 12AM; HPWC Failure
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			251		145d	7.1 (2.12.126)	

**\* Typical Environment:** Unless otherwise noted:

**Energy Settings** are maintained as: Regen Braking: STANDARD; Range Mode ON; 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.