

## e-Stang to Tesla Model 3 AWD Comparison

Performance Specifications	e-Stang	2018 Tesla Model 3 AWD	Ratio
Maximum charge rate, MPH	16.8 (was ~3,600 gas)	744	44.3
Range, miles	42 (new, was ~330 gas) 30 (after 12 years)	310	7.4 (new)
0 to 60 MPH acceleration, seconds	23 (was 12 gas, 200 six)	3.2	0.14 (7.2x faster)
Trunk cargo space, square feet	7.7 (same as gas)	15	1.9
Overall DC efficiency, miles per kWh	2.67 (was 21 MPG gas)	3.45	1.3
Vehicle Parameters			
Max charger output power, kW	6.0 (level II)	201 (level III)	33.5
Battery capacity, kWh	15 (was 16 gallons gas)	75	5.0
Peak Horsepower	64 (was 120 gas)	258	4.0
Maximum torque, ft-lb	137 (was 190 gas)	317	2.3
Coefficient of drag	0.5	0.23	0.46 (2.2x less)
Curb weight, lb	2,970 (was 2,800; V8s are 2,900)	4,062	1.4
battery weight, lb	400	1,060	2.7
Frontal Area, square feet	19.3	23.9	1.2