



1000	100-25 = 75%	$.75 \cdot .93 \cdot 310 \cdot .8 \cdot 1000 = 173,000$ mi
3000	75-25 = 50%	$.50 \cdot .93 \cdot 310 \cdot .8 \cdot 3000 = 346,000$ mi
5200	75-25 = 50%	$.50 \cdot .93 \cdot 310 \cdot .8 \cdot 5200 = 600,000$ mi
6600	75-45 = 30%	$.30 \cdot .93 \cdot 310 \cdot .8 \cdot 6600 = 457,000$ mi
9000	75-65 = 10%	$.10 \cdot .93 \cdot 310 \cdot .8 \cdot 9000 = 208,000$ mi

My experience is that non conservative driving of the Tesla 3 results in closer to 3.2 miles per kWh than 4 miles per kWh. Therefore, a .8 range (or distance) derating has been applied. .93 is an estimate of the average of energy in the battery from 100% down to 90% of capacity, i.e. a diminishing of the 310 mi.

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