

Calculations for eBike Times

	kph	mph	miles	1	5	10	20
eBike Speed	13.3	8.26	hours	0.1	0.61	1.2	2.4
			min	7.3	36.31	72.6	145.2
regular	10.5	6.5	hours	0.2	0.77	1.5	3.1
			min	9.2	45.99	92.0	183.9

* calculations based off Tennessee Research and Creative Exchange

David's Timed 5 mile study

My eBiking Times for 5 miles

time in minutes

Test 1 18.5
 Test 2 19.2
 Test 3 20.1
 Test 4 21.5
 Test 5 22.1

average time 20.28

14.8 average mph

Notes

Flat paved path
 No traffic intersestions or stops
 using pedal assist level 3 - approx 450 watts output
 third highest gear (gear # 6)
 very little wind