

ElliptiGO Product Comparison Matrix

June 2014

ElliptiGO 3C





ElliptiGO 8C



ElliptiGO 11R



Quick Comparison			
Gears/Speeds	3		8
Colors	 Black, Green, and Red		 Black and 100% Matte Black with White Striping
Transport/Storage	- Removable Steering Extender - Removable Front Wheel		- Foldable Steering Extender - Removable Front Wheel
Grips	Velo ergonomic grips		Ergon GC3 multi-position ergonomic grips with integral bar ends
Weight	42 lbs (19.1 kg)		44 lbs (20 kg)
Climbing Ability	Mild hills (up to 5% grade)		Steep hills (up to 20-30% grade)
Workout Resistance Selection	- 3 different levels of resistance - 177% total resistance range - 33% difference between levels		- 8 different levels of resistance - 306% total resistance range - 17% difference between levels
Maximum Rider Weight	250 lbs.		250 lbs.
Price	\$1,799		\$2,499
System Specifications			
Wheelbase	54" (137 cm)		
Total Length	75" (190.5 cm)		
Weight	42 lbs (19.1 kg)	44 lbs (20 kg)	39.4 lbs (17.9 kg)
Operating Height	50-58" (127-147 cm)		
Storing Height (with front wheel)	32" (81 cm) with steering extender removed		35" (89 cm)
Storing Height (no front wheel)	27" (70 cm) with steering extender removed		27" (70 cm)
Stride Length	16-25" (41-64 cm)		
Crank Length	6.75 - 10.5" (171 - 267mm)		
Gears/Speeds	3		8
Total Gear Range	177%		306%
Avg Gear Step	33%		17%
Gear Ratio Range	.75 - 1.33		.527 - 2.153
Gear Inch Range	58 - 103		29 - 118
Gain Ratio Range	2.8 - 7.6		1.6 - 7.5
Components/Features			
Frame	7005-T6 Aluminum		

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Fork	20" butted chro-moly with 1.5" steerer tube		
Propulsion System	Patented <i>Elliptidrive</i> technology		
Track System	Integral with modular inserts (patent pending)		
Drive arms	Aluminum with composite nylon foot platform		Multi-modulus carbon-fiber monococque
Cranks	Custom forged aluminum with <i>Variable Stride Length</i> (VSL) technology (patent pending)		
Chainring	52- tooth, 130 BCD, 6061-T6 aluminum	53-tooth, 130 BCD, 6061-T6 aluminum	52- tooth, 130 BCD, 6061-T6 aluminum
Sprocket	13-tooth	16-tooth	18-tooth
Hub	Sturmey Archer R-SRF 3, 3-speed internally-geared hub	Shimano Alfine SG-S501, 8-speed internally-geared hub	Shimano Alfine SG-S700, 11-speed internally-geared hub
Bottom Bracket	Isis drive, sealed bearings		
Steering Column	Removable and telescopically adjustable with height index locking		Folding and telescopically adjustable with <i>roto-lock</i> safety technology
Steering Extender	butted chro-moly steel with anti-rotation indexing		forged aluminum with anti-rotation indexing
Headset	1.5" threadless		
Stem	Forged aluminum, 120mm x 7 deg.		
Handlebar	Aluminum MTB riser bar, 50mm rise, 670mm wide		
Grips	Velo ergonomic grips	Ergon GC3 multi-position ergonomic grips with integral bar ends	Ergon GC3 multi-position ergonomic grips with integral bar ends
Shifter	Sturmey Archer S30 trigger shifter	Shimano Alfine SL-S500 trigger shifter	Shimano Alfine SL-S700 trigger shifter
Brake Levers	Avid FR5, two finger levers		Avid Speed Dial 7, two finger levers
Front and Rear Brakes	Linear pull rim brakes		Avid Single Digit 7 linear pull rim brakes
Front Wheel	20" aluminum aero profile rim, 28-spoke		
Rear Wheel	20" aluminum aero profile rim, 32-spoke		
Tires	Kenda Kwest, 20" x 1.5" 60TPI, 100-psi		
Kickstand	Dual leg, forged aluminum kickstand		
Performance			
Cruising Speed (flat terrain)	15 mph (24 kph)		
Sprinting Speed (flat terrain)	23+ mph (37+ kph)		
Recommended Riding Terrain	Flat terrain and mild hills	Flat and hilly terrain	Flat and hilly terrain
Climbing Ability	Can climb mild hills of up to 5% grade	Can climb steep hills up to 20-30% grade	Can climb steep hills up to 20-30% grade
Workout Resistance Selection	- 3 different levels of resistance - 177% total resistance range - 33% difference between levels	- 8 different levels of resistance - 306% total resistance range - 17% difference between levels	- 11 different levels of resistance - 409% total resistance range - 14% difference between levels
Cadence vs. Speed	See <i>Cadence vs. Speed Chart</i> below		

ELLIPTIGO Product Comparison Matrix

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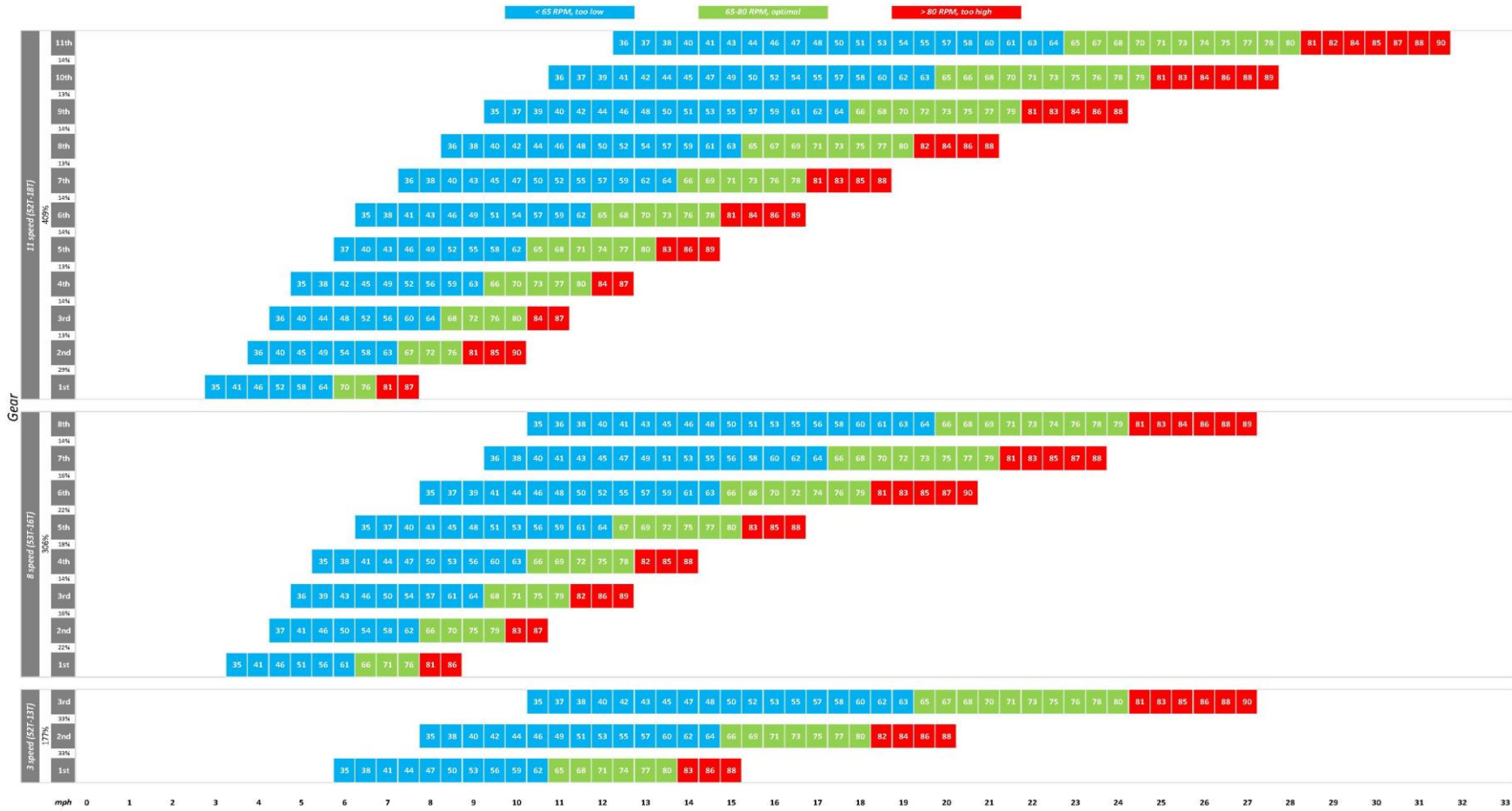
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Cadence vs. Speed Chart



Crank RPM (Cadence) as a Function of Vehicle Speed for the ElliptiGO



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