

K'NEX Motors & Power

Independent reference appendix - K'NEX Motor & Gear Guide

Status of this appendix

This appendix summarises technical information reported in an independent K'NEX builder's *K'NEX Motor & Gear Guide*. It is supplementary reference material only. The figures and suggested applications should not be interpreted as official K'NEX specifications unless independently confirmed.

Motor / system	Reported speed	Information reported by the guide
Grey 2-speed battery motor	48 / 240 RPM	Two switches: direction and slow/fast. Requires 4 AA batteries. Reported as originally used in Maxima Trekker.
Older motor with separate battery box	34 RPM	Cable length may vary. A second output perpendicular to the standard output is reported at about 20 RPM.
12V motor	~40 RPM	Externally powered rather than battery powered. The guide mentions 230/240/110V mains arrangements and a dedicated white gear.
Solar motor	500+ RPM unloaded	Small, relatively low-power motor driven from a solar panel. The figure is specifically reported as unloaded speed.
Spring motor	N/A	Small mechanical stored-energy unit capable of providing pull-back action.
Green battery motor	45 RPM	Reported as widely used in K'NEX coasters and suitable for general motorisation.
Blue battery motor	34 RPM	Medium-speed battery motor; the guide associates it with some K'NEX fairground rides.
Black battery motor	22 RPM	Slow-speed battery motor; the guide associates it with a K'NEX Ferris wheel.
Silver high-speed battery motor	190 RPM	High rotational speed and comparatively low torque; described as suitable for direct driveshaft use.

Source

Independent builder reference: *K'NEX Motor & Gear Guide*, published on Instructables. This appendix deliberately separates these reported specifications from the main K'NEXCHANGE catalogue information because the guide is not an official K'NEX source.

Source page: <https://www.instructables.com/KNEX-Motor-Gear-Guide/>