

EDS GROUPSETS: THE SMART ALTERNATIVE TO SHIMANO & SRAM

EDS Group-sets—particularly the electronic wireless series—are rapidly changing the cycling industry by offering premium features at a fraction of the cost of Shimano and SRAM. Backed by WheelTop's 70+ years of manufacturing expertise, EDS delivers high-tier functionality with unprecedented cross-compatibility.

Why EDS is the smartest choice for everyday riders and custom builders alike, alongside the practical trade-offs.

EDS IS THE OPTION TO GO FOR (PROS)

*** Unbeatable Affordability:**

Premium wireless electronic shifting costs thousands of Rands less than Shimano Di2 or SRAM AXS.

*** Mind-Blowing Speed Selection:**

Configurable via app to run anything from vintage 3-speed setups up to future-proof 14-speed cassettes.

*** Massive Internal Battery:**

Built-in battery delivers up to 20,000 shifts per charge—lasting 2-3x longer than small SRAM AXS batteries.

*** Premium CNC Brake Callipers:**

Features beautiful boutique-style CNC unibody aluminium callipers with dual 21mm ceramic pistons for elite heat dissipation.

*** Universal Frame & Hanger Fit:**

Mounts to standard derailleur hangers with no restrictive UDH (Universal Derailleur Hanger) frame requirement.

*** Carbon Fiber Construction:**

High-end models sport carbon fibre levers and derailleur components for premium aesthetics and vibration damping.

*** Diverse Cable Options:**

Available in fully wireless setups or wired-wireless hybrids to easily clear any frame's internal routing.

*** Flexible Brake Compatibility:**

Supports both modern hydraulic disc systems and traditional mechanical cable-actuated brakes.

*** Smart Wake-Up & Connectivity:**

Built-in sensor wakes the system instantly from sleep mode on movement, and connects to Garmin bike computers.

*** Mix-and-Match Freedom:**

Operates perfectly using your existing Shimano, SRAM, or Campagnolo cassettes, chains, and crank-sets.

THE TRADE-OFFS TO CONSIDER (CONS)

* Integrated Battery Design:

Batteries are hard-wired inside the derailleur; you must plug the bike in via magnetic cable rather than swapping a battery pod. *(can be regarded as a better solution – 100% watertight)*

* Higher Overall Weight: (Due to larger capacity batteries)

Components weigh slightly more than top-tier, ultra-expensive Shimano Dura-Ace or SRAM Red equivalents.

* App Reliance for Setup:

Shifting speed configurations and micro-adjustments require the smartphone app. *(can be regarded as a better solution – you have the setup tool always at hand)*

* Shorter Hood Ergonomics:

The brake hoods are slightly shorter than modern SRAM setups, which might feel tight for riders with large hands.

THE VERDICT

EDS removes the financial and proprietary barriers to electronic shifting. By delivering premium materials like carbon Fiber and CNC-machined aluminium alongside universal cassette compatibility, EDS is a superior upgrade path for giving a beloved bike cutting-edge tech without starting from scratch.