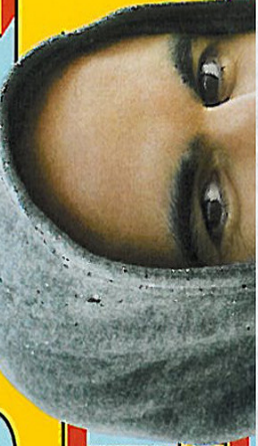


# OUTRIDER



## TECHNOLOGY

### Das Bike

Electric bicycles aren't known for high performance, but that's changing. The Black Trail, from Germany's PG-Bikes and UB Composites, tops out at 62 miles per hour, making it the world's fastest e-bike. To hit that speed, its frame was built using Formula One—grade carbon fiber, and the high-torque motor was wired to convert seven kilowatts—enough to power your entire house for about six hours—into forward thrust.

Amazingly, the Black Trail still weighs just under 44 pounds and can go more than 120 miles on a single charge. The \$80,000 price tag and 667-unit production run mean you probably won't see one locked to a parking meter near you, but the point has been made. By the end of the decade, e-bikes will be outscouting mopeds and Vespas in both price and performance.

—RILEY BLANTON

► The Black Trail is designed to get attention from “celebrities, politicians, and rich people,” says Philipp Lang, head of marketing at PG-Bikes. Jay Leno and Orlando Bloom have each been presented with one. So how much of the price is justified? We kicked some tires to find out.



**THE BRAKES** Vented Hope Tech V2 Disc Brakes retail separately for about \$565 per pair.



**THE WHEELS** A standard pair of high-end carbon-fiber mountain-bike wheels runs around