

Model	 Rider 420 E	 Rider 420 H	 Rider 420 T
Dimension	49.9x83.9x16.9mm	49.9x83.9x16.9mm	49.9x83.9x16.9mm
Weight	67 g	67 g	67 g
Waterproof	IPX7	IPX7	IPX7
Display	2.3" Mono LCD	2.3" Mono LCD	2.3" Mono LCD
High-sensitivity GPS	v	v	v
Barometric Altimeter	v	v	v
Functions	80+	80+	80+
Max Battery Hour	35	35	35
Support Exercise Type	Cycling	Cycling	Cycling
Lap History	130 laps	130 laps	130 laps
Log History	300 hours	300 hours	300 hours
Pre-loaded Bryton Test	v	v	v
Advanced Follow Track	v	v	v
POI Info	v	v	v
Compatible with ANT+/BLE Power Meter	v	v	v
Time / Distance Alerts	v	v	v
Altitude / Slope / Temperature	v	v	v
Number of Customizable Grid	8	8	8
Max Data Page	7	7	7
One Second Recording	v	v	v
Support Bike Number	2	2	2
Bike Mount	v	v	v
Auto Sensor Detection for Data Grid Adjustments	v	v	v
ANT+ / BLE Heart Rate Monitor	Optional	v	v
ANT+ / BLE Cadence Sensor	Optional	Optional	v
ANT+ / BLE Speed and Cadence Dual sensor	Optional	Optional	Optional
Power Meter Pedal Support	v	v	v
Data Transfer	BLE	BLE	BLE
Update Firmware / GPS	Bryton Update Tool	Bryton Update Tool	Bryton Update Tool
Bryton Active App	v	v	v
Upload to Brytonactive Training Center	v	v	v
FIT File Uploadable to Training Sites (Strava, TrainingPeaks, Selfloops)	v	v	v
GoldenCheetach Compatible	v	v	v