Compare

	Rider 15	Rider 410	Rider 450	Aero 60	Rider 420	Rider 860
General						
Unit Dimensions (mm)	46.2x71x16.5	53.7x83.9x18.2	53.7x83.9x18.2	53.7x83.9x18.2	49.9x83.9x16.9	100x58x24
Touch-Screen	-	-	-	-	-	●
Display size	2"	2.3"	2.3"	2.3"	2.3"	2.8"
Display Type	Segment Type HTN LCD	Mono LCD	Mono LCD	Mono LCD	Mono LCD	Color TFT LCD
Weight (g)	52g	71g	71g	71g	67g	128g
Color Display	-	-	-	-	-	●
Battery Life (hrs)	16	35	32	32	35	16
GPS Functionality	●	●	●	●	●	●
Supported Satellites	Full GNSS: GPS, Glonass (Russia), Beidou (China), Galileo (Europe) and QZSS (Japan)					
Water Rating	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7
Alerts	-	●	●	●	●	●
Barometric Altimeter	●	●	●	●	●	●
Mount Type	Sport Mount/Bike Mount	Sport Mount/Bike Mount	Sport Mount Bike Mount	Aero Mount	Sport Mount/Bike Mount	Sport Mount/Bike Mount
Operating Temperature	-10 C° ~ 50 C°	-10 C° ~ 50 C°	-10 C° ~ 50 C°	-10 C° ~ 50 C°	-10 C° ~ 50 C°	-10 C° ~ 50 C°
Lap History	-	130 laps	130 laps	130 laps	130 laps	130 laps
Log History	Smart Recording Mode:120 hrs 1 sec Recording Mode: 30 hrs	300 hrs	300 hrs	300 hrs	300 hrs	300 hrs
Features						
Supported Functions	30	72+	78+	78+	80+	85+
Aerodynamic	-	-	-	●	-	-
Data Transfer	BLE	BLE	BLE/WLAN	BLE/WLAN	BLE	BLE/WLAN
Customizable Data Grid	Via Bryton App	Via Bryton App/On Device	Via Bryton App/On Device	Via Bryton App/On Device	Via Bryton App/On Device	On Device
ASD Auto Sensor Display	●	●	●	●	●	-
Time/Distance Alerts	-	-	●	●	●	●
Auto Pause/Lap/Scroll	-	●	●	●	●	●
On Device Summary	-	-	-	-	-	●
Supported Bike Profile	2	2	2	2	2	2
Smart Notifications	●	●	●	●	●	●
Max Data Grid/Page	4 / 5	8 / 7	10 / 9	10 / 9	8 / 9	12 / 11
Interval Training	-	●	●	●	●	●
Automatic Ridelog Uploads	-	●	●	●	●	●
1s Recording	●	●	●	●	●	●
Altitude/ Slope/Temperature	●	●	●	●	●	●
Connectivity						
Wireless Connectivity	BLE	BLE, ANT+	BLE, ANT+,WLAN	BLE, ANT+,WLAN	BLE, ANT+	BLE, ANT+,WLAN
Bluetooth Sensors	HR/Spd/Cad	HR/Spd/Cad	HR/Spd/Cad	HR/Spd/Cad	HR/Spd/Cad	HR/Spd/Cad
ANT+ Sensors	-	HR/Spd/Cad/Pw	HR/Spd/Cad/Pw	HR/Spd/Cad/Pw	HR/Spd/Cad/Pw	HR/Spd/Cad/Pw
Electronic Shifting System Compatibility	-	-	Di2/eTap/EPS	Di2/eTap/EPS	-	Di2/eTap/EPS
Bryton Active Compatibility	iPhone & Android	iPhone & Android	iPhone & Android	iPhone & Android	iPhone & Android	iPhone & Android
Update Firmware/GPS Data	Bryton Update Tool	Bryton Update Tool	Bryton Update Tool WLAN	Bryton Update Tool WLAN	Bryton Update Tool	WLAN
Golden Cheetah Compatibility	●	●	●	●	●	●
Phone Connectivity	iPhone & Android	iPhone & Android	iPhone & Android	iPhone & Android	iPhone & Android	iPhone & Android
Navigation Features						
Built-in Map	-	-	●	●	-	●
OpenStreetMap	-	-	●	●	-	●
Follow Track/Guidance	-	-	●	●	● (by map-matching feature via Bryton Active APP)	Track Navigation
Offline Navigation	-	-	-	-	-	●
Distance to Next POI/Peak	-	-	-	-	●	-
POI/Address Search	-	-	-	-	-	●
POI/Address Search	-	-	-	-	-	●
Contour lines/hillshade on map	-	-	-	-	-	●
Plan Trip by multi-cycling types	-	-	●	●	●	●
Workout Features						
Bryton Test/ Workout	-	●	●	●	-	●
Advanced Workouts	-	-	●	●	-	●
Pre-loaded Bryton Test	-	●	●	●	-	-