

# Compare



Rider 15



Rider 15 neo



Rider 410



Rider 450



Aero 60



Rider 320



Rider 420



Rider 860



Rider 750

## General

|                       |                                                              |                                                              |                           |                                                                                     |                |                           |                           |                           |
|-----------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------|----------------|---------------------------|---------------------------|---------------------------|
| Unit Dimensions (mm)  | 46.2x71x16.5                                                 | 46.1x71.1x16.7                                               | 53.7x83.9x18.2            | 53.7x83.9x18.2                                                                      | 49.9x83.9x16.5 | 49.9x83.9x16.5            | 100x58x24                 | 92.5x49.4x19.65           |
| Touch-Screen          | -                                                            | -                                                            | -                         | -                                                                                   | -              | -                         | ●                         | ●                         |
| Display size          | 2"                                                           | 2"                                                           | 2.3"                      | 2.3"                                                                                | 2.3"           | 2.3"                      | 2.8"                      | 2.8"                      |
| Display Type          | Segment Type HTN LCD                                         | Segment Type HTN LCD                                         | Mono LCD                  | Mono LCD                                                                            | Mono LCD       | Mono LCD                  | Color TFT LCD             | Color TFT LCD             |
| Weight (g)            | 52g                                                          | 51g                                                          | 71g                       | 71g                                                                                 | 61g            | 61g                       | 128g                      | 93g                       |
| Color Display         | -                                                            | -                                                            | -                         | -                                                                                   | -              | -                         | ●                         | ●                         |
| Battery Life (hrs)    | 16                                                           | 16                                                           | 35                        | 32                                                                                  | 35             | 35                        | 16                        | 20                        |
| GPS Functionality     | ●                                                            | ●                                                            | ●                         | ●                                                                                   | ●              | ●                         | ●                         | ●                         |
| Supported Satellites  | Full GNSS                                                    | GPS, Galileo (Europe) and QZSS (Japan)                       |                           | Full GNSS: GPS, Glonass (Russia), Beidou (China), Galileo (Europe) and QZSS (Japan) |                |                           |                           |                           |
| Water Rating          | IPX7                                                         | IPX7                                                         | IPX7                      | IPX7                                                                                | IPX7           | IPX7                      | IPX7                      | IPX7                      |
| Alerts                | -                                                            | -                                                            | ●                         | ●                                                                                   | ●              | ●                         | ●                         | ●                         |
| Barometric Altimeter  | ●                                                            | ●                                                            | ●                         | ●                                                                                   | ●              | ●                         | ●                         | ●                         |
| Mount Type            | Sport Mount<br>Bike Mount                                    | Sport Mount<br>Bike Mount                                    | Sport Mount<br>Bike Mount | Sport Mount<br>Bike Mount                                                           | Aero Mount     | Sport Mount<br>Bike Mount | Sport Mount<br>Bike Mount | Sport Mount<br>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°            | -10 C° ~ 50 C°            | -10 C° ~ 50 C°            |
| Lap History           | -                                                            | -                                                            | 130 laps                  | 130 laps                                                                            | 130 laps       | 130 laps                  | 130 laps                  | 130 laps                  |
| Log History           | Smart Recording Mode:120 hrs<br>1 sec Recording Mode: 30 hrs | Smart Recording Mode:120 hrs<br>1 sec Recording Mode: 30 hrs | 300 hrs                   | 300 hrs                                                                             | 300 hrs        | 300 hrs                   | 300 hrs                   | 300 hrs                   |

## Features

|                             |                |                |                          |                          |                          |                          |           |                          |
|-----------------------------|----------------|----------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|--------------------------|
| Supported Functions         | 30             | 21             | 72+                      | 78+                      | 72+                      | 80+                      | 85+       | 99+                      |
| Aerodynamic                 | -              | -              | -                        | ●                        | -                        | -                        | -         | -                        |
| Data Transfer               | BLE            | BLE            | BLE                      | BLE/WLAN                 | BLE                      | BLE                      | BLE/WLAN  | BLE/WLAN                 |
| Customizable Data Grid      | Via Bryton App | 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 | Via Bryton App/On Device |
| ASD Auto Sensor Display     | ●              | -              | ●                        | ●                        | ●                        | ●                        | -         | ●                        |
| Time/Distance Alerts        | -              | -              | -                        | ●                        | ●                        | ●                        | ●         | ●                        |
| Auto Pause/Lap/Scroll       | -              | Auto Pause     | ●                        | ●                        | ●                        | ●                        | ●         | ●                        |
| On Device Summary           | -              | -              | -                        | -                        | -                        | -                        | ●         | ●                        |
| Supported Bike Profile      | 2              | 2              | 2                        | 2                        | 2                        | 2                        | 2         | 3                        |
| Smart Notifications         | ●              | ●              | ●                        | ●                        | ●                        | ●                        | ●         | ●                        |
| Max Data Grid/Page          | 4 / 5          | 4 / 5          | 8 / 7                    | 10 / 9                   | 8 / 7                    | 8 / 9                    | 12 / 11   | 12 / 8                   |
| Automatic Ridelog Uploads   | -              | -              | ●                        | ●                        | ●                        | ●                        | ●         | ●                        |
| 1s Recording                | ●              | ●              | ●                        | ●                        | ●                        | ●                        | ●         | ●                        |
| Altitude/ Slope/Temperature | ●              | ●              | ●                        | ●                        | ●                        | ●                        | ●         | ●                        |

## Connectivity

|                                          |                    |                    |                    |                            |                                        |                    |                  |                                                    |
|------------------------------------------|--------------------|--------------------|--------------------|----------------------------|----------------------------------------|--------------------|------------------|----------------------------------------------------|
| Wireless Connectivity                    | BLE                | BLE                | BLE, ANT+          | BLE, ANT+,WLAN             | BLE, ANT+                              | BLE, ANT+          | BLE, ANT+,WLAN   | BLE, ANT+,WLAN                                     |
| Bluetooth Sensors                        | HR/Spd/Cad         | 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    | HR/Spd/Cad/Pw                                      |
| Electronic Shifting System Compatibility | -                  | -                  | -                  | Di2/eTap/EPS               | -                                      | Di2/eTap/EPS       | Di2/eTap/EPS     | Di2/eTap/EPS                                       |
| Smart Trainer                            | -                  | -                  | -                  | -                          | -                                      | ● / ANT+FE-C       | -                | ● / ANT+FE-C                                       |
| E-Bike                                   | -                  | -                  | -                  | -                          | -                                      | -                  | -                | Shimano Steps / LEV                                |
| Bike Radar                               | -                  | -                  | -                  | -                          | -                                      | ●                  | -                | ●                                                  |
| Bryton Active Compatibility              | iPhone & Android   | iPhone & Android   | iPhone & Android   | iPhone & Android           | iPhone & Android                       | iPhone & Android   | iPhone & Android | iPhone & Android                                   |
| Update GPS Data                          | Bryton Update Tool | Bryton Update Tool | Bryton Update Tool | Bryton Update Tool<br>WLAN | Bryton Update Tool                     | Bryton Update Tool | WLAN             | Bryton Update Tool<br>WLAN                         |
| Update Firmware                          | Bryton Update Tool | Bryton Update Tool | Bryton Update Tool | Bryton Update Tool<br>WLAN | Bryton Update Tool / Bryton Active App |                    | WLAN             | Bryton Update Tool / App<br>/ On Device (via WLAN) |
| Golden Cheetah Compatibility             | ●                  | ●                  | ●                  | ●                          | ●                                      | ●                  | ●                | ●                                                  |
| Phone Connectivity                       | iPhone & Android   | iPhone & Android   | 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<br>Bryton Active APP) | Track Navigation | Track Navigation |
| Offline Navigation               | - | - | - | - | - | -                                                  | ●                | -                |
| Distance to Next POI/Peak        | - | - | - | - | - | ●                                                  | -                | ●                |
| POI/Address Search               | - | - | - | - | - | -                                                  | ●                | ●                |
| Contour lines/hillshade on map   | - | - | - | - | - | -                                                  | ●                | ●                |
| Plan Trip by multi-cycling types | - | - | - | ● | - | ●                                                  | ●                | ●                |

## Workout Features

|                      |   |   |   |   |   |   |   |   |
|----------------------|---|---|---|---|---|---|---|---|
| Bryton Test/ Workout | - | - | ● | ● | - | ● | - | ● |
| Advanced Workouts    | - | - | - | ● | - | ● | ● | ● |