

| Function | BASIC edition | | ADVANCED edition | |
|--------------------------------|---|---|--|---|
| | Before GBU | After GBU | Before GBU | After GBU |
| Programming via trigger | ✗ | ✓ | ✗ | ✓ |
| Trigger sensitivity adjustment | ✓ | ✓ | ✓ | ✓ |
| Fire selector modes | Safe - Semi - Auto Safe - Semi - Semi Safe - Semi - Burst | Safe - Semi - Auto Safe - Semi - Semi Safe - Binary - Auto Safe - Semi - Burst | Safe - Semi - Auto Safe - Semi - Semi Safe - Semi - Burst Safe - Burst - Auto Safe - Semi -Burst/Auto Semi - Burst - Auto | 216 modes. All variations of: Safe Semi Binary Burst Burst / Auto Auto |
| Burst | 3 rd | 3 rd / 5 rd | 2 rd / 3 rd / 4 rd / 5 rd / 8 rd / 10 rd | 2 rd / 3 rd / 4 rd / 5 rd / 8 rd / 10 rd |
| Burst mode | Full | Full / Interruptible | Full / Interruptible | Full / Interruptible |
| Pre-cocking boost | ✗ | •Auto: Mid •Manual: Off / 1–250 ms | •Auto: Low / Mid / High | •Auto: Low / Mid / High •Manual: Off / 1–250 ms |
| Pre-cocking mode | Off | Off / On / Manual | Off / Trigger / Auto | Off / On / Manual |
| Magazine capacity | ✗ | 30 BBs | ✗ | 30 BBs / 45 BBs / 115 BBs / 145 BBs / 185 BBs |
| Reload time | ✗ | 3 s / Bolt catch ¹ | | 0.5 s / 1 s / 1.5 s / 2 s / 2.5 s / 3 s / Bolt catch ¹ |
| Low ammo warning | ✗ | ✗ | ✗ | Off / 10 BBs |
| Series safety limit | Off / 30 BBs | Off / 30 BBs | Off / 30 BBs | Off / 30 BBs / 60 BBs |
| Sniper delay | ✗ | ✗ | Off / 0.5 s / 1 s / 2 s / 3 s | 0.2 s / 0.5 s / 1 s / 2 s / 3 s |
| ROF control | •Off •Power: 100% | •Off •Power: 100% / 90% / 80% / 70% / 60% / 50% | •Off •Power: 100% / 90% / 80% / 70% / 60% / 50% | •Off •Power: 100% / 90% / 80% / 70% / 60% / 50% •Delay: 25 ms / 30 ms / 40 ms / 50 ms / 60 ms / 70 ms •Delay + Power |
| Battery protection | Off / LiPo / LiFe | Off / LiPo / LiFe | Off / LiPo / LiFe | Off / LiPo / LiFe |
| Low battery warning | •LiPo: Off / 3.2 V / 3.4 V •LiFe: Off / 2.7 V / 2.9 V | •LiPo: Off / 3.2 V / 3.4 V •LiFe: Off / 2.7 V / 2.9 V | •LiPo: Off / 3.2 V / 3.4 V •LiFe: Off / 2.7 V / 2.9 V | •LiPo: Off / 3.1 V / 3.2 V / 3.3 V / 3.4 V •LiFe: Off / 2.6 V / 2.7 V / 2.8 V / 2.9 V |
| Active brake | Adaptive / 0% / 20% / 40% / 60% / 80% / 100% | Adaptive / 0% / 20% / 40% / 60% / 80% / 100% | Adaptive / 0% / 20% / 40% / 60% / 80% / 100% | Adaptive / 0% / 20% / 40% / 60% / 80% / 100% |
| Equalizer | ✗ | ✗ | Off / 2 LVL / 1 LVL | Off / 2 LVL / 1 LVL |
| Gear ratio | Normal speed High speed Low speed Dual Sector Gear (DSG) ² 19-tooth ² | Normal speed High speed Low speed Dual Sector Gear (DSG) ² 19-tooth ² | Normal speed High speed Low speed Dual Sector Gear (DSG) ² 19-tooth ² | Normal speed High speed Low speed Dual Sector Gear (DSG) ² 19-tooth ² |
| 2-stage trigger | ✓ | ✓ | ✓ | ✓ |
| BB counter | ✗ | LAST / BB1 / BB2 / FACTORY | BB1 / BB2 / TOTAL | LAST / BB1 / BB2 / FACTORY |
| Measurements | ✗ | ✗ | Rate of fire, Trigger response, Voltage, Current, MOSFET temperature | Rate of fire, Trigger response, Voltage, Current, MOSFET temperature |
| Diagnostics | ✓ | ✓ | ✓ | ✓ |
| Cycle detection | On / Off | On / Off | On / Off | On / Off |
| Alerts | ✓ | ✓ | ✓ | ✓ |
| Settings packages | ✗ | ✓ | ✗ | ✓ |
| Firmware update | ✓ | ✓ | ✓ | ✓ |
| Firmware upgrade | One-time payment | One-time payment | One-time payment | One-time payment |

¹ Available only for TITAN V2 NGRS

² N/A for TITAN V2 NGRS