

| | DEFENDER 48V 2WD | DEFENDER 48V 3WD | POSITRON 60V Police | POSITRON ELITE 72V Police |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| electric drive system | DC 48V - 24A | DC 48V - 36A | DC 60V - 45A | DC 72V - 60A |
| acc line | DC 12V | DC 12V | DC 12V | DC 12V |
| battery (Li-ion) | 48V 1170Wh | 48V 1170Wh | 60V 1470Wh | 72V 1764Wh |
| charging V / A / time | 54.6V 5A 4h | 54.6V 5A 4h | 67.2V 5A 4h | 84V 5A 4h |
| electric rated power | 550W | 850W | 1300W | 2160W |
| electric peak power | 1100W | 1700W | 2600W | 4320W |
| traction power (brake power) | 850W | 1250W | 1950W | 3240W |
| traction | 2WD | 3WD | 3WD | 3WD |
| motor | 2x BLDC direct drive | 3x BLDC direct drive | 3x BLDC direct drive | 3x BLDC direct drive |
| motor controller | 2x FOC 12A | 3x FOC 12A | 3x FOC 15A | 3x FOC 20A |
| max rider's weight | 250lbs (110kg) | 300lbs (135kg) | 300lbs (135kg) | 300lbs (135kg) |
| Vehicle weigh (w/battery) | 69lbs (31kg) | 80lbs (36kg) | 90lbs (41kg) | 100lbs (45kg) |
| frame | AL6061 - foldable | AL6061 - foldable | AL6061 - foldable | AL6061 - foldable |
| overall dimensions | L51" x H40" x W23.5" | L51" x H40" x W23.5" | L51" x H40" x W23.5" | L51" x H40" x W23.5" |
| adjustable handlebar height | 5" (12.5cm) | 5" (12.5cm) | 5" (12.5cm) | 5" (12.5cm) |
| deck height | 11" (28cm) | 11" (28cm) | 11" (28cm) | 11" (28cm) |
| tires | inflatable 60psi (4.1Bar) | inflatable 60psi (4.1Bar) | inflatable 60psi (4.1Bar) | inflatable 60psi (4.1Bar) |
| phone holder | optional | optional | standard | standard |
| gear bag | optional | optional | standard | standard |
| emergency lights | optional - 2 | optional - 3 | standard - 5 | standard - 5 |
| LED headlight | 1x 2000 lm with DRL | 1x 2000 lm with DRL | 2x 2000 lm with DRL | 2x 2000 lm with DRL |
| rear lights | single point | dual running/brake/turn | dual running/brake/turn | dual running/brake/turn |
| horn | yes | yes | yes | yes |
| siren | optinal mini siren | standard mini siren | 3-tone police siren | 3-tone police siren |
| RFID key | optional | optional | standard | standard |
| rear suspension | swing arm - spring | swing arm spring/oil adjust | swing arm spring/oil adjust | swing arm spring/oil adjust |
| front suspension | telescopic spring/oil damper | telescopic spring/oil damper | telescopic spring/oil damper | telescopic spring/oil damper |
| hydraulic disc brakes | 2 rear - one lever | all wheel - 2 levers | all wheel - 2 levers | all wheel - 2 levers |
| climbing ability (200lbs) | 7% (4deg) | 12% (7deg) | 15% (9deg) | 20% (11deg) |
| top speed (unregulated) * | 23mph (37km/h) | 28mph (45km/h) | 37mph (60km/k) | 44mph (70km/h) |
| range mixed terrain (200lbs) | 20 miles (32km) | 20 miles (32km) | 20 miles (32km) | 20 miles (32km) |
| range on flat terrain (200lbs) | 25 miles (40km) | 25 miles (40km) | 30 miles (48km) | 30 miles (48km) |

(*) max speed can be locked at any level by factory