

## SPECIFICATIONS

electric drive system  
acc line  
battery (Li-ion)  
charging V / A / time  
electric rated power  
electric peak power  
traction power (brake power)  
traction  
motor  
motor controller  
max rider's weight  
Vehicle weight (w/battery)  
frame  
overall dimensions  
adjustable handlebar height  
deck height  
inflatable tires  
phone holder  
gear bag  
emergency lights  
LED headlight  
rear lights  
beep horn  
siren  
RFID key  
rear suspension  
front suspension  
hydraulic disc brakes  
climbing ability (200lbs)  
\* top speed (unregulated)  
\*\* range (up to 200lb)

### DEFENDER 48V 2WD

DC 48V - 24A  
DC 12V  
48V 1170Wh  
54.6V 5A 4h  
550W  
1100W  
850W  
2WD  
2x BLDC direct drive  
2x FOC 12A  
250 lb (113 kg)  
69 lb (31 kg)  
AL6061 - foldable  
L 51" x H 40" x W 23.5"  
5" (12.5 cm)  
11" (28 cm)  
front 50 psi (3.45 Bar) rear 65 psi (4.48 Bar)  
optional  
optional  
optional - 2  
1x 2000 lm with DRL  
single point  
yes  
optional  
standard  
swing arm - spring  
telescopic spring/oil damper  
2 rear - one lever  
7% (4 deg)  
20 mph (32 km/h)  
20 miles (32 km)

### DEFENDER 48V 3WD

DC 48V - 36A  
DC 12V  
48V 1170Wh  
54.6V 5A 4h  
850W  
1700W  
1250W  
3WD  
3x BLDC direct drive  
3x FOC 12A  
300 lb (136 kg)  
80 lb (36 kg)  
AL6061 - foldable  
L 51" x H 40" x W 23.5"  
5" (12.5 cm)  
11" (28 cm)  
front 50 psi (3.45 Bar) rear 65 psi (4.48 Bar)  
optional  
optional  
optional - 3  
1x 2000 lm with DRL  
dual running/brake/turn  
yes  
optional  
standard  
swing arm spring/oil adjust  
telescopic spring/oil damper  
all wheel - 2 levers  
12% (7 deg)  
20 mph (32 km/h)  
up to 20 miles (32 km)

### POSITRON 60V

DC 60V - 45A  
DC 12V  
60V 1470Wh  
67.2V 5A 4h  
1300W  
2600W  
1950W  
3WD  
3x BLDC direct drive  
3x FOC 15A  
300 lb (136 kg)  
90 lb (41 kg)  
AL6061 - foldable  
L 51" x H 40"» x W 23.5"  
5" (12.5 cm)  
11" (28 cm)  
front 50 psi (3.45 Bar) rear 65 psi (4.48 Bar)  
standard  
standard  
standard - 5  
2x 2000 lm with DRL  
dual running/brake/turn  
yes  
3-tone police siren  
standard  
swing arm spring/oil adjust  
telescopic spring/oil damper  
all wheel - 2 levers  
15% (9 deg)  
25 mph (40 km/h)  
25 miles (40 km)

### POSITRON ELITE 72V

DC 72V - 60A  
DC 12V  
72V 1764Wh  
84V 5A 4h  
2160W  
4320W  
3240W  
3WD  
3x BLDC direct drive  
3x FOC 20A  
300 lb (136 kg)  
100 lb (45 kg)  
AL6061 - foldable  
L 51" x H 40" x W 23.5"  
5" (12.5 cm)  
11" (28 cm)  
front 50 psi (3.45 Bar) rear 65psi (4.48 Bar)  
standard  
standard  
standard - 7  
2x 2000 lm with DRL  
dual running/brake/turn  
yes  
3-tone police siren  
standard  
swing arm spring/oil adjust  
telescopic spring/oil damper  
all wheel - 2 levers  
20% (11 deg)  
30 mph (48 km/h)  
up to 30 miles (48 km)

### POSITRON XL 72V

DC 72V - 65A  
DC 12V  
72V 1764Wh  
84V 10A 2h  
2340W  
4680W  
3500W  
3WD  
3x BLDC direct drive  
FOC 2x25A 1x15A  
350 lb (152 kg)  
105 lb (45 kg)  
AL6061 - foldable  
L53" x H58" x W27"  
5" (12.5 cm)  
11" (28 cm)  
35psi (2.5 Bar)  
standard  
standard  
standard - 7  
2x 2000 lm with DRL  
dual running/brake/turn  
yes  
3-tone police siren  
standard  
swing arm spring/oil adjust  
telescopic spring/oil damper  
all wheel - 2 levers  
27% (15 deg)  
35 mph (56 km/h)  
up to 30 miles (48 km)

(\*) speed and power level can be locked at any value in LCD control panel (password protected)

(\*\*) range will vary depending on topography, tire pressure, average speed, start/stop pattern, power level setting